

Statement of Basis of the Federal Operating Permit

Valero Refining-Texas, L.P.

Site/Area Name: Valero Corpus Christi Refinery West Plant

Physical location: 5900 Up River Road

Nearest City: Corpus Christi

County: Nueces

Permit Number: O1458

Project Type: Minor Revision

Standard Industrial Classification (SIC) Code: 2911

SIC Name: Petroleum Refining

This Statement of Basis sets forth the legal and factual basis for the draft changes to the permit conditions resulting from the minor revision project in accordance with 30 TAC §122.201(a)(4). The applicant has submitted an application for a minor permit revision per §§ 122.215-217. This document may include the following information:

- A description of the facility/area process description;
- A description of the revision project;
- A basis for applying permit shields;
- A list of the federal regulatory applicability determinations;
- A table listing the determination of applicable requirements;
- A list of the New Source Review Requirements;
- The rationale for periodic monitoring methods selected;
- The rationale for compliance assurance methods selected;
- A compliance status; and
- A list of available unit attribute forms.

Prepared on: April 15, 2015

Operating Permit Basis of Determination

Description of Revisions

Loading in the thermal oxidizer area and piping fugitives, CD-LOADING and CD-PIPING, were added to the Unit Summary and Applicable Requirements Summary tables. The loading is subject to 40 CFR Part 63, Subpart CC. The fugitive piping is subject to 30 TAC Chapter 115, Fugitive Emission Control in Petroleum Refineries in Gregg, Nueces, and Victoria Counties and 40 CFR Part 63, Subpart CC. Newly constructed tanks, 73-TK-166 & 73-TK-167, were also added to the Unit Summary and Applicable Requirements Summary tables. The two petroleum crude oil tanks are subject to 40 CFR Part 60, Subpart Kb, 30 TAC Chapter 115, Storage of VOCs, & 40 CFR Part 63, Subpart CC. The requirements are codified in the Applicable Requirements Summary table.

Initial NSR Permit 106965 was issued on 08/20/2013. Initial NSR Permit 109543 was issued on 12/16/2013. They were both incorporated by reference into the New Source Review Authorization References table.

Permit Area Process Description

Valero Corpus Christi Refinery West Plant refines petroleum feedstocks and intermediates, including crude oils, natural gasoline, gas oil, and residual fuel oil, to produce petroleum products including gasoline and distillates. Total feedstock throughput is approximately 215,000 barrels-per-day (BPD), and the refinery produces approximately 130,000 BPD of gasoline and 35,000 BPD of distillates. The feedstocks are received at the refinery via pipeline and marine vessels. Products are shipped out via pipeline, marine vessels, and trucks. Key units at the Corpus Christi Refinery West Plant include a 90,000 BPD heavy oil cracker, an 82,000 BPD hydrodesulfurization unit, a 36,000 BPD hydrocracker, a 36,000 BPD reformer complex, and an 18,000 BPD MTBE plant.

FOPs at Site

The “application area” consists of the emission units and that portion of the site included in the application and this permit. Multiple FOPs may be issued to a site in accordance with 30 TAC § 122.201(e). When there is only one area for the site, then the application information and permit will include all units at the site. Additional FOPs that exist at the site, if any, are listed below.

Additional FOPs: None

Major Source Pollutants

The table below specifies the pollutants for which the site is a major source:

Major Pollutants	VOC, SO ₂ , PM, NO _x , HAPS, CO
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Reading State of Texas’s Federal Operating Permit

The Title V Federal Operating Permit (FOP) lists all state and federal air emission regulations and New Source Review (NSR) authorizations (collectively known as “applicable requirements”) that apply at a particular site or permit area (in the event a site has multiple FOPs). **The FOP does not authorize new emissions or new construction activities.** The FOP begins with an introductory page which is common to all Title V permits. This page gives the details of the company, states the authority of the issuing agency, requires the company to operate in accordance with this permit and 30 Texas Administrative Code (TAC) Chapter 122, requires

adherence with NSR requirements of 30 TAC Chapter 116, and finally indicates the permit number and the issuance date.

This is followed by the table of contents, which is generally composed of the following elements. Not all permits will have all of the elements.

- General Terms and Conditions
- Special Terms and Conditions
 - Emissions Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting
 - Additional Monitoring Requirements
 - New Source Review Authorization Requirements
 - Compliance Requirements
 - Protection of Stratosphere Ozone
 - Permit Location
 - Permit Shield (30 TAC § 122.148)
- Attachments
 - Applicable Requirements Summary
 - Unit Summary
 - Applicable Requirements Summary
 - Additional Monitoring Requirements
 - Permit Shield
 - New Source Review Authorization References
 - Compliance Plan
 - Alternative Requirements
- Appendix A
 - Acronym list
- Appendix B
 - Copies of major NSR authorizations

General Terms and Conditions

The General Terms and Conditions are the same and appear in all permits. The first paragraph lists the specific citations for 30 TAC Chapter 122 requirements that apply to all Title V permit holders. The second paragraph describes the requirements for record retention. The third paragraph provides details for voiding the permit, if applicable. The fourth paragraph states that the permit holder shall comply with the requirements of 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit. The fifth paragraph provides details on submission of reports required by the permit.

Special Terms and Conditions

Emissions Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting. The TCEQ has designated certain applicable requirements as site-wide requirements. A site-wide requirement is a requirement that applies uniformly to all the units or activities at the site. Units with only site-wide requirements are addressed on Form OP-REQ1 and are not required to be listed separately on a OP-UA Form or Form OP-SUM. Form OP-SUM must list all units addressed in the application and provide identifying information, applicable OP-UA Forms, and preconstruction authorizations. The various OP-UA Forms provide the characteristics of each unit from which applicable requirements are established. Some exceptions exist as a few units may have both site-wide requirements and unit specific requirements.

Other conditions. The other entries under special terms and conditions are in general terms referring to compliance with the more detailed data listed in the attachments.

Attachments

Applicable Requirements Summary. The first attachment, the Applicable Requirements Summary, has two tables, addressing unit specific requirements. The first table, the Unit Summary, includes a list of units with applicable requirements, the unit type, the applicable regulation, and the requirement driver. The intent of the requirement driver is to inform the reader that a given unit may have several different operating scenarios and the differences between those operating scenarios.

The applicable requirements summary table provides the detailed citations of the rules that apply to the various units. For each unit and operating scenario, there is an added modifier called the “index number,” detailed citations specifying monitoring and testing requirements, recordkeeping requirements, and reporting requirements. The data for this table are based on data supplied by the applicant on the OP-SUM and various OP-UA forms.

Additional Monitoring Requirement. The next attachment includes additional monitoring the applicant must perform to ensure compliance with the applicable standard. Compliance assurance monitoring (CAM) is often required to provide a reasonable assurance of compliance with applicable emission limitations/standards for large emission units that use control devices to achieve compliance with applicant requirements. When necessary, periodic monitoring (PM) requirements are specified for certain parameters (i.e. feed rates, flow rates, temperature, fuel type and consumption, etc.) to determine if a term and condition or emission unit is operating within specified limits to control emissions. These additional monitoring approaches may be required for two reasons. First, the applicable rules do not adequately specify monitoring requirements (exception- Maximum Achievable Control Technology Standards (MACTs) generally have sufficient monitoring), and second, monitoring may be required to fill gaps in the monitoring requirements of certain applicable requirements. In situations where the NSR permit is the applicable requirement requiring extra monitoring for a specific emission unit, the preferred solution is to have the monitoring requirements in the NSR permit updated so that all NSR requirements are consolidated in the NSR permit.

Permit Shield. A permit may or may not have a permit shield, depending on whether an applicant has applied for, and justified the granting of, a permit shield. A permit shield is a special condition included in the permit document stating that compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirement(s) or specified applicable state-only requirement(s).

New Source Review Authorization References. All activities which are related to emissions in the state of Texas must have a NSR authorization prior to beginning construction. This section lists all units in the permit and the NSR authorization that allowed the unit to be constructed or modified. Units that do not have unit specific applicable requirements other than the NSR authorization do not need to be listed in this attachment. While NSR permits are not physically a part of the Title V permit, they are legally incorporated into the Title V permit by reference. Those NSR permits whose emissions exceed certain PSD/NA thresholds must also undergo a Federal review of federally regulated pollutants in addition to review for state regulated pollutants.

Compliance Plan. A permit may have a compliance schedule attachment for listing corrective actions plans for any emission unit that is out of compliance with an applicable requirement.

Alternative Requirements. This attachment will list any alternative monitoring plans or alternative means of compliance for applicable requirements that have been approved by the EPA Administrator and/or the TCEQ Executive Director.

Appendix A

Acronym list. This attachment lists the common acronyms used when discussing the FOPs.

Appendix B

Copies of major NSR authorizations applicable to the units covered by this permit have been included in this Appendix, to ensure that all interested persons can access those authorizations.

Stationary vents subject to 30 TAC Chapter 111, Subchapter A, § 111.111(a)(1)(B) addressed in the Special Terms and Conditions

The site contains stationary vents with a flowrate less than 100,000 actual cubic feet per minute (acfm) and constructed after January 31, 1972 which are limited, over a six-minute average, to 20% opacity as required by 30 TAC § 111.111(a)(1)(B). As a site may have a large number of stationary vents that fall into this category, they are not required to be listed individually in the permit's Applicable Requirement Summary. This is consistent with EPA's White Paper for Streamlined Development of Part 70 Permit Applications, July 10, 1995, that states that requirements that apply identically to emission units at a site can be treated on a generic basis such as source-wide opacity limits.

Periodic monitoring is specified in Special Term and Condition 3. A. for stationary vents subject to 30 TAC § 111.111(a)(1)(B) to verify compliance with the 20% opacity limit. These vents are not expected to produce visible emissions during normal operation. The TCEQ evaluated the probability of these sources violating the opacity standards and determined that there is a very low potential that an opacity standard would be exceeded. It was determined that continuous monitoring for these sources is not warranted as there would be very limited environmental benefit in continuously monitoring sources that have a low potential to produce visible emissions. Therefore, the TCEQ set the visible observation monitoring frequency for these sources to once per calendar quarter.

The TCEQ has exempted vents that are not capable of producing visible emissions from periodic monitoring requirements. These vents include sources of colorless VOCs, non-fuming liquids, and other materials that cannot produce emissions that obstruct the transmission of light. Passive ventilation vents, such as plumbing vents, are also included in this category. Since this category of vents are not capable of producing opacity due to the physical or chemical characteristics of the emission source, periodic monitoring is not required as it would not yield any additional data to assure compliance with the 20% opacity standard of 30 TAC § 111.111(a)(1)(B).

In the event that visible emissions are detected, either through the quarterly observation or other credible evidence, such as observations from company personnel, the permit holder shall either report a deviation or perform a Test Method 9 observation to determine the opacity consistent with the 6-minute averaging time specified in 30 TAC § 111.111(a)(1)(B). An additional provision is included to monitor combustion sources more frequently than quarterly if alternate fuels are burned for periods greater than 24 consecutive hours. This will address possible emissions that may arise when switching fuel types.

Stationary Vents subject to 30 TAC Chapter 111 not addressed in the Special Terms and Conditions

All other stationary vents subject to 30 TAC Chapter 111 not covered in the Special Terms and Conditions are listed in the permit's Applicable Requirement Summary. The basis for the applicability determinations for these vents are listed in the Determination of Applicable Requirements table.

Federal Regulatory Applicability Determinations

The following chart summarizes the applicability of the principal air pollution regulatory programs to the permit area:

Regulatory Program	Applicability (Yes/No)
Prevention of Significant Deterioration (PSD)	Yes
Nonattainment New Source Review (NNSR)	No
Minor NSR	Yes
40 CFR Part 60 - New Source Performance Standards	Yes
40 CFR Part 61 - National Emission Standards for Hazardous Air Pollutants (NESHAPs)	Yes
40 CFR Part 63 - NESHAPs for Source Categories	Yes
Title IV (Acid Rain) of the Clean Air Act (CAA)	No
Title V (Federal Operating Permits) of the CAA	Yes
Title VI (Stratospheric Ozone Protection) of the CAA	Yes
CAIR (Clean Air Interstate Rule)	No

Basis for Applying Permit Shields

An operating permit applicant has the opportunity to specifically request a permit shield to document that specific applicable requirements do not apply to emission units in the permit. A permit shield is a special condition stating that compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements. A permit shield has been requested in the application for specific emission units. For the permit shield requests that have been approved, the basis of determination for regulations that the owner/operator need not comply with are located in the "Permit Shield" attachment of the permit.

Insignificant Activities

In general, units not meeting the criteria for inclusion on either Form OP-SUM or Form OP-REQ1 are not required to be addressed in the operating permit application. Examples of these types of units include, but are not limited to, the following:

1. Office activities such as photocopying, blueprint copying, and photographic processes.
2. Sanitary sewage collection and treatment facilities other than those used to incinerate wastewater treatment plant sludge. Stacks or vents for sanitary sewer plumbing traps are also included.
3. Food preparation facilities including, but not limited to, restaurants and cafeterias used for preparing food or beverages primarily for consumption on the premises.
4. Outdoor barbecue pits, campfires, and fireplaces.
5. Laundry dryers, extractors, and tumblers processing bedding, clothing, or other fabric items generated primarily at the premises. This does not include emissions from dry cleaning systems using perchloroethylene or petroleum solvents.

6. Facilities storing only dry, sweet natural gas, including natural gas pressure regulator vents.
7. Any air separation or other industrial gas production, storage, or packaging facility. Industrial gases, for purposes of this list, include only oxygen, nitrogen, helium, neon, argon, krypton, and xenon.
8. Storage and handling of sealed portable containers, cylinders, or sealed drums.
9. Vehicle exhaust from maintenance or repair shops.
10. Storage and use of non-VOC products or equipment for maintaining motor vehicles operated at the site (including but not limited to, antifreeze and fuel additives).
11. Air contaminant detectors and recorders, combustion controllers and shut-off devices, product analyzers, laboratory analyzers, continuous emissions monitors, other analyzers and monitors, and emissions associated with sampling activities. Exception to this category includes sampling activities that are deemed fugitive emissions and under a regulatory leak detection and repair program.
12. Bench scale laboratory equipment and laboratory equipment used exclusively for chemical and physical analysis, including but not limited to, assorted vacuum producing devices and laboratory fume hoods.
13. Steam vents, steam leaks, and steam safety relief valves, provided the steam (or boiler feedwater) has not contacted other materials or fluids containing regulated air pollutants other than boiler water treatment chemicals.
14. Storage of water that has not contacted other materials or fluids containing regulated air pollutants other than boiler water treatment chemicals.
15. Well cellars.
16. Fire or emergency response equipment and training, including but not limited to, use of fire control equipment including equipment testing and training, and open burning of materials or fuels associated with firefighting training.
17. Crucible or pot furnaces with a brim full capacity of less than 450 cubic inches of any molten metal.
18. Equipment used exclusively for the melting or application of wax.
19. All closed tumblers used for the cleaning or deburring of metal products without abrasive blasting, and all open tumblers with a batch capacity of 1,000 lbs. or less.
20. Shell core and shell mold manufacturing machines.
21. Sand or investment molds with a capacity of 100 lbs. or less used for the casting of metals;
22. Equipment used for inspection of metal products.
23. Equipment used exclusively for rolling, forging, pressing, drawing, spinning, or extruding either hot or cold metals by some mechanical means.
24. Instrument systems utilizing air, natural gas, nitrogen, oxygen, carbon dioxide, helium, neon, argon, krypton, and xenon.
25. Battery recharging areas.
26. Brazing, soldering, or welding equipment.

Determination of Applicable Requirements

The tables below include the applicability determinations for the emission units, the index number(s) where applicable, and all relevant unit attribute information used to form the basis of the applicability determination. The unit attribute information is a description of the physical properties of an emission unit which is used to determine the requirements to which the permit holder must comply. For more information about the descriptions of the unit attributes specific Unit Attribute Forms may be viewed at www.tceq.texas.gov/permitting/air/nav/air_all_ua_forms.html.

A list of unit attribute forms is included at the end of this document. Some examples of unit attributes include construction date; product stored in a tank; boiler fuel type; etc.. Generally, multiple attributes are needed to determine the requirements for a given emission unit and index number. The table below lists these attributes in the column entitled "Basis of Determination." Attributes that demonstrate that an applicable requirement applies will be the factual basis for the specific citations in an applicable requirement that apply to a unit for that index number. The TCEQ Air Permits Division has developed flowcharts for determining applicability of state and federal regulations based on the unit attribute information in a Decision Support System (DSS).

These flowcharts can be accessed via the internet at

www.tceq.texas.gov/permitting/air/nav/air_supportsys.html. The Air Permits Division staff may also be contacted for assistance at (512) 239-1250.

The attributes for each unit and corresponding index number provide the basis for determining the specific legal citations in an applicable requirement that apply, including emission limitations or standards, monitoring, recordkeeping, and reporting. The rules were found to apply or not apply by using the unit attributes as answers to decision questions found in the flowcharts of the DSS. Some additional attributes indicate which legal citations of a rule apply. The legal citations that apply to each emission unit may be found in the Applicable Requirements Summary table of the draft permit. There may be some entries or rows of units and rules not found in the permit, or if the permit contains a permit shield, repeated in the permit shield area. These are sets of attributes that describe negative applicability, or; in other words, the reason why a potentially applicable requirement does not apply.

If applicability determinations have been made which differ from the available flowcharts, an explanation of the decisions involved in the applicability determination is specified in the column "Changes and Exceptions to RRT." If there were no exceptions to the DSS, then this column has been removed.

The draft permit includes all emission limitations or standards, monitoring, recordkeeping and reporting required by each applicable requirement. If an applicable requirement does not require monitoring, recordkeeping, or reporting, the word "None" will appear in the Applicable Requirements Summary table. If additional periodic monitoring is required for an applicable requirement, it will be explained in detail in the portion of this document entitled "Rationale for Compliance Assurance Monitoring (CAM)/ Periodic Monitoring Methods Selected."

When attributes demonstrate that a unit is not subject to an applicable requirement, the applicant may request a permit shield for those items. The portion of this document entitled "Basis for Applying Permit Shields" specifies which units, if any, have a permit shield.

Operational Flexibility

When an emission unit has multiple operating scenarios, it will have a different index number associated with each operating condition. This means that units are permitted to operate under multiple operating conditions. The applicable requirements for each operating condition are determined by a unique set of unit attributes. For example, a tank may store two different products at different points in time. The tank may, therefore, need to comply with two distinct sets of requirements, depending on the product that is stored. Both sets of requirements are included in the permit, so that the permit holder may store either product in the tank.

Determination of Applicable Requirements

Unit ID	Regulation	Index Number	Basis of Determination*
16-P-11-EN	40 CFR Part 63, Subpart ZZZZ	63-ZZZZ	Brake HP = Stationary RICE with a brake hp greater than 500. Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006.
16-P-12-EN	40 CFR Part 63, Subpart ZZZZ	63-ZZZZ	Brake HP = Stationary RICE with a brake hp greater than 500. Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006.
16-P-13-EN	40 CFR Part 63, Subpart ZZZZ	63-ZZZZ	Brake HP = Stationary RICE with a brake hp greater than 500. Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006.
16-P-14-EN	40 CFR Part 63, Subpart ZZZZ	63-ZZZZ	Brake HP = Stationary RICE with a brake hp greater than 500. Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006.
16-P-4-EN	40 CFR Part 63, Subpart ZZZZ	63-ZZZZ	Brake HP = Stationary RICE with a brake hp greater than or equal to 300 hp and less than or equal to 500 hp. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Stationary RICE Type = Compression ignition engine
16-P-7-EN	40 CFR Part 63, Subpart ZZZZ	63-ZZZZ	Brake HP = Stationary RICE with a brake hp greater than or equal to 300 hp and less than or equal to 500 hp. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Stationary RICE Type = Compression ignition engine
83P136A-EN	40 CFR Part 60, Subpart IIII	60-IIII	Stationary CI Engine = Unit is a stationary compression ignition engine
83P136A-EN	40 CFR Part 63, Subpart ZZZZ	60-IIII	Brake HP = Stationary RICE with a brake hp greater than or equal to 300 hp and less than or equal to 500 hp. Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006. Stationary RICE Type = Compression ignition engine
83P136B-EN	40 CFR Part 60, Subpart IIII	60-IIII	Stationary CI Engine = Unit is a stationary compression ignition engine
83P136B-EN	40 CFR Part 63, Subpart ZZZZ	60-IIII	Brake HP = Stationary RICE with a brake hp greater than or equal to 300 hp and less than or equal to 500 hp. Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006. Stationary RICE Type = Compression ignition engine
03-TK-156	30 TAC Chapter 115, Storage of VOCs	R5112-a	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR) True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons
03-TK-156	30 TAC Chapter 115, Storage of VOCs	R5112-b	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR)

Unit ID	Regulation	Index Number	Basis of Determination*
			<p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
03-TK-156	30 TAC Chapter 115, Storage of VOCs	R5112-c	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
03-TK-156	30 TAC Chapter 115, Storage of VOCs	R5112-d	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = Other than crude oil, condensate, or VOC</p>
03-TK-156	40 CFR Part 60, Subpart Kb	60KB-a	<p>Product Stored = Petroleum liquid (other than petroleum or condensate)</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia</p>
03-TK-156	40 CFR Part 60, Subpart Kb	60KB-b	<p>Product Stored = Petroleum liquid (other than petroleum or condensate)</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia</p> <p>Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal</p>
03-TK-156	40 CFR Part 60, Subpart Kb	60KB-c	<p>Product Stored = Volatile organic liquid</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia</p> <p>Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal</p>
03-TK-156	40 CFR Part 60, Subpart Kb	60KB-d	<p>Product Stored = Crude oil stored, processed, and/or treated after custody transfer</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia</p> <p>Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal</p> <p>Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia</p>
03-TK-156	40 CFR Part 60, Subpart Kb	60KB-e	<p>Product Stored = Waste mixture of indeterminate or variable composition</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia</p>
03-TK-156	40 CFR Part 63, Subpart CC	63CC	<p>Product Stored = Refined petroleum products</p> <p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
			Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb. Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal Applicability = The storage vessel is subject to the control requirements of 40 CFR Part 60, Subpart Kb
03-TK-156	40 CFR Part 63, Subpart CC	63CC-b	Product Stored = Crude oil Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb. Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal Applicability = The storage vessel is subject to the control requirements of 40 CFR Part 60, Subpart Kb Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia
03-TK-161	30 TAC Chapter 115, Storage of VOCs	R5112-a	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR) True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons
03-TK-161	30 TAC Chapter 115, Storage of VOCs	R5112-b	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons
03-TK-161	30 TAC Chapter 115, Storage of VOCs	R5112-c	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 40,000 gallons
03-TK-161	30 TAC Chapter 115, Storage of VOCs	R5112-d	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = Other than crude oil, condensate, or VOC
03-TK-161	40 CFR Part 60, Subpart Kb	60KB-a	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)

Unit ID	Regulation	Index Number	Basis of Determination*
			Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia
03-TK-161	40 CFR Part 60, Subpart Kb	60KB-b	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal
03-TK-161	40 CFR Part 60, Subpart Kb	60KB-c	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal
03-TK-161	40 CFR Part 60, Subpart Kb	60KB-d	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia
03-TK-161	40 CFR Part 60, Subpart Kb	60KB-e	Product Stored = Waste mixture of indeterminate or variable composition Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia
03-TK-161	40 CFR Part 63, Subpart CC	63CC	Product Stored = Refined petroleum products Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb. Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal Applicability = The storage vessel is subject to the control requirements of 40 CFR Part 60, Subpart Kb
03-TK-161	40 CFR Part 63, Subpart CC	63CC-b	Product Stored = Crude oil Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb. Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal Applicability = The storage vessel is subject to the control requirements of 40 CFR Part 60, Subpart Kb Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia
43-TK-04	30 TAC Chapter	R5112-a	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable

Unit ID	Regulation	Index Number	Basis of Determination*
	115, Storage of VOCs		control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons
43-TK-04	30 TAC Chapter 115, Storage of VOCs	R5112-d	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = Other than crude oil, condensate, or VOC
43-TK-04	40 CFR Part 60, Subpart Ka	60KA-a	Product Stored = Stored product other than a petroleum liquid
43-TK-04	40 CFR Part 60, Subpart Ka	60KA-b	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is 40,000 gallons (151,416 liters) or less
49-V-14	30 TAC Chapter 115, Storage of VOCs	R5112-a	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is less than or equal to 1,000 gallons
49-V-14	30 TAC Chapter 115, Storage of VOCs	R5112-d	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = Other than crude oil, condensate, or VOC
49-V-14	40 CFR Part 60, Subpart Kb	60KB-a	Product Stored = Stored product other than volatile organic liquid or petroleum liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)
49-V-14	40 CFR Part 60, Subpart Kb	60KB-b	Product Stored = Volatile organic liquid Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)
49-V-14	40 CFR Part 60, Subpart Kb	60KB-e	Product Stored = Waste mixture of indeterminate or variable composition Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)
50-TK-60	30 TAC Chapter 115, Storage of VOCs	R5112-a	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR) True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons
50-TK-60	30 TAC Chapter 115, Storage of VOCs	R5112-b	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR)

Unit ID	Regulation	Index Number	Basis of Determination*
			<p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
50-TK-60	30 TAC Chapter 115, Storage of VOCs	R5112-c	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
50-TK-60	30 TAC Chapter 115, Storage of VOCs	R5112-d	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = Other than crude oil, condensate, or VOC</p>
50-TK-60	40 CFR Part 60, Subpart Ka	60KA-a	<p>Product Stored = Stored product other than a petroleum liquid</p>
50-TK-60	40 CFR Part 60, Subpart Ka	60KA-b	<p>Product Stored = Petroleum liquid (other than petroleum or condensate)</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters)</p> <p>True Vapor Pressure = TVP is less than 1.5 psia</p> <p>Storage Vessel Description = Fixed roof with an internal floating-type cover</p> <p>Reid Vapor Pressure = RVP not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized</p> <p>Maximum True Vapor Pressure = Maximum true vapor pressure is not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized</p>
50-TK-60	40 CFR Part 60, Subpart Ka	60KA-c	<p>Product Stored = Petroleum liquid (other than petroleum or condensate)</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters)</p> <p>True Vapor Pressure = TVP is greater than or equal to 1.5 but less than or equal to 11.1 psia</p> <p>Storage Vessel Description = Fixed roof with an internal floating-type cover</p> <p>Reid Vapor Pressure = RVP not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized</p>
50-TK-60	40 CFR Part 60, Subpart Ka	60KA-d	<p>Product Stored = Crude oil stored, processed, and/or treated after custody transfer</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters)</p> <p>True Vapor Pressure = TVP is greater than or equal to 1.5 but less than or equal to 11.1 psia</p> <p>Storage Vessel Description = Fixed roof with an internal floating-type cover</p> <p>Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia</p>
50-TK-60	40 CFR Part 63, Subpart CC	63CC	<p>Existing Source = The storage vessel is at an existing source.</p> <p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa)</p> <p>Emission Control Type = Fixed roof and an internal floating roof</p> <p>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
			Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641) Seal Type = Liquid-mounted seal
50-TK-61	30 TAC Chapter 115, Storage of VOCs	R5112-a	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Welded tank using an external floating roof True Vapor Pressure = True vapor pressure is less than 1.0 psia Primary Seal = Mechanical shoe Product Stored = VOC other than crude oil or condensate Secondary Seal = Rim-mounted Storage Capacity = Capacity is greater than 40,000 gallons
50-TK-61	30 TAC Chapter 115, Storage of VOCs	R5112-b	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Welded tank using an external floating roof True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Primary Seal = Mechanical shoe Product Stored = VOC other than crude oil or condensate Secondary Seal = Rim-mounted Storage Capacity = Capacity is greater than 40,000 gallons
50-TK-61	30 TAC Chapter 115, Storage of VOCs	R5112-c	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Welded tank using an external floating roof True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Primary Seal = Mechanical shoe Product Stored = Crude oil and/or condensate Secondary Seal = Rim-mounted Storage Capacity = Capacity is greater than 40,000 gallons
50-TK-61	30 TAC Chapter 115, Storage of VOCs	R5112-d	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = Other than crude oil, condensate, or VOC
50-TK-61	40 CFR Part 60, Subpart Ka	60KA-a	Product Stored = Stored product other than a petroleum liquid
50-TK-61	40 CFR Part 60, Subpart Ka	60KA-b	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters) True Vapor Pressure = TVP is less than 1.5 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof (EFR) with mechanical shoe primary seal Reid Vapor Pressure = RVP not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized Maximum True Vapor Pressure = Maximum true vapor pressure is not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized

Unit ID	Regulation	Index Number	Basis of Determination*
50-TK-61	40 CFR Part 60, Subpart Ka	60KA-c	<p>Product Stored = Petroleum liquid (other than petroleum or condensate)</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters)</p> <p>True Vapor Pressure = TVP is greater than or equal to 1.5 but less than or equal to 11.1 psia</p> <p>Storage Vessel Description = Pontoon-type or double-deck-type external floating roof (EFR) with mechanical shoe primary seal</p> <p>Reid Vapor Pressure = RVP not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized</p>
50-TK-61	40 CFR Part 60, Subpart Ka	60KA-d	<p>Product Stored = Crude oil stored, processed, and/or treated after custody transfer</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters)</p> <p>True Vapor Pressure = TVP is greater than or equal to 1.5 but less than or equal to 11.1 psia</p> <p>Storage Vessel Description = Pontoon-type or double-deck-type external floating roof (EFR) with mechanical shoe primary seal</p> <p>Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia</p>
50-TK-61	40 CFR Part 63, Subpart CC	63CC	<p>Existing Source = The storage vessel is at an existing source.</p> <p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa)</p> <p>Emission Control Type = External floating roof</p> <p>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641)</p> <p>Seal Type = Two seals, one above the other, the primary seal being a metallic shoe seal</p>
50-TK-61	40 CFR Part 63, Subpart CC	63CC-d	<p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is subject to 40 CFR Part 63, Subparts F, G, H, or I.</p>
70-TK-109	30 TAC Chapter 115, Storage of VOCs	R5112-a	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
70-TK-109	30 TAC Chapter 115, Storage of VOCs	R5112-b	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
70-TK-109	30 TAC Chapter 115, Storage of VOCs	R5112-c	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p>

Unit ID	Regulation	Index Number	Basis of Determination*
			Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 40,000 gallons
70-TK-109	30 TAC Chapter 115, Storage of VOCs	R5112-d	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = Other than crude oil, condensate, or VOC
70-TK-109	40 CFR Part 60, Subpart K	60K-a	Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978 Storage Capacity = Capacity is greater than 65,000 gallons (246,052 liters) Product Stored = Stored product other than petroleum liquid (as defined in 40 CFR Part 60, Subpart K)
70-TK-109	40 CFR Part 60, Subpart K	60K-b	Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978 Storage Capacity = Capacity is greater than 65,000 gallons (246,052 liters) Product Stored = Petroleum liquid (other than petroleum or condensate) True Vapor Pressure = True vapor pressure is less than 1.5 psia Storage Vessel Description = Floating roof (internal or external) Reid Vapor Pressure = Reid vapor pressure not determined Maximum True Vapor Pressure = Maximum true vapor pressure is not determined
70-TK-109	40 CFR Part 60, Subpart K	60K-c	Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978 Storage Capacity = Capacity is greater than 65,000 gallons (246,052 liters) Product Stored = Petroleum liquid (other than petroleum or condensate) True Vapor Pressure = True vapor pressure is at least 1.5 psia and less than 11.1 psia Storage Vessel Description = Floating roof (internal or external) Reid Vapor Pressure = Reid vapor pressure not determined
70-TK-109	40 CFR Part 60, Subpart K	60K-d	Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978 Storage Capacity = Capacity is greater than 65,000 gallons (246,052 liters) Product Stored = Crude oil True Vapor Pressure = True vapor pressure is at least 1.5 psia and less than 11.1 psia Storage Vessel Description = Floating roof (internal or external) Reid Vapor Pressure = Reid vapor pressure is at least 2.0 psia
70-TK-109	40 CFR Part 63, Subpart CC	63CC	Existing Source = The storage vessel is at an existing source. Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa) Emission Control Type = Fixed roof and an internal floating roof Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb. Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641) Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.

Unit ID	Regulation	Index Number	Basis of Determination*
			Seal Type = Liquid-mounted seal
70-TK-109	40 CFR Part 63, Subpart CC	63CC-f	Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb. Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Applicability = The storage vessel is subject to the control requirements of 40 CFR Part 60, Subpart K
70-TK-110	30 TAC Chapter 115, Storage of VOCs	R5112-a	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR) True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons
70-TK-110	30 TAC Chapter 115, Storage of VOCs	R5112-b	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons
70-TK-110	30 TAC Chapter 115, Storage of VOCs	R5112-c	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 40,000 gallons
70-TK-110	30 TAC Chapter 115, Storage of VOCs	R5112-d	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = Other than crude oil, condensate, or VOC
70-TK-110	40 CFR Part 60, Subpart Kb	60KB-a	Product Stored = Stored product other than volatile organic liquid or petroleum liquid
70-TK-110	40 CFR Part 60, Subpart Kb	60KB-b	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.5 psia but less than 0.75 psia Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal
70-TK-110	40 CFR Part 60, Subpart Kb	60KB-c	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia

Unit ID	Regulation	Index Number	Basis of Determination*
			Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal
70-TK-110	40 CFR Part 60, Subpart Kb	60KB-d	<p>Product Stored = Crude oil stored, processed, and/or treated after custody transfer</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia</p> <p>Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal</p> <p>Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia</p>
70-TK-110	40 CFR Part 63, Subpart CC	63CC-a	<p>Product Stored = Refined petroleum products</p> <p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia</p> <p>Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal</p> <p>Applicability = The storage vessel is subject to the control requirements of 40 CFR Part 60, Subpart Kb</p>
70-TK-110	40 CFR Part 63, Subpart CC	63CC-b	<p>Product Stored = Crude oil</p> <p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia</p> <p>Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal</p> <p>Applicability = The storage vessel is subject to the control requirements of 40 CFR Part 60, Subpart Kb</p> <p>Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia</p>
70-TK-138	30 TAC Chapter 115, Storage of VOCs	R5112-a	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
70-TK-138	30 TAC Chapter 115, Storage of VOCs	R5112-d	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = Other than crude oil, condensate, or VOC</p>
70-TK-138	40 CFR Part 60, Subpart K	60K-a	<p>Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978</p> <p>Storage Capacity = Capacity is greater than 65,000 gallons (246,052 liters)</p> <p>Product Stored = Stored product other than petroleum liquid (as defined in 40 CFR Part 60, Subpart K)</p>
70-TK-138	40 CFR Part 60,	60K-b	Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978

Unit ID	Regulation	Index Number	Basis of Determination*
	Subpart K		<p>Storage Capacity = Capacity is greater than 65,000 gallons (246,052 liters)</p> <p>Product Stored = Petroleum liquid (other than petroleum or condensate)</p> <p>True Vapor Pressure = True vapor pressure is less than 1.5 psia</p> <p>Storage Vessel Description = Emission controls not required</p> <p>Reid Vapor Pressure = Reid vapor pressure not determined</p> <p>Maximum True Vapor Pressure = Maximum true vapor pressure is not determined</p>
70-TK-138	40 CFR Part 63, Subpart CC	63CC	<p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Group 1 Storage Vessel = The storage vessel is a Group 2 vessel.</p> <p>Applicability = The storage vessel is subject to the control requirements of 40 CFR Part 60, Subpart K</p>
70-TK-140	30 TAC Chapter 115, Storage of VOCs	R5112	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p>
70-TK-140	40 CFR Part 63, Subpart GGGGG	63GGGGG-1	<p>Manage Remediation Material = The tank is used to manage remediation materials subject to 40 CFR Part 63. Subpart GGGGG.</p>
70-TK-95	30 TAC Chapter 115, Storage of VOCs	R5112-a	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
70-TK-95	30 TAC Chapter 115, Storage of VOCs	R5112-d	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = Other than crude oil, condensate, or VOC</p>
70-TK-95	40 CFR Part 60, Subpart K	60K-a	<p>Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978</p> <p>Storage Capacity = Capacity is greater than 65,000 gallons (246,052 liters)</p> <p>Product Stored = Stored product other than petroleum liquid (as defined in 40 CFR Part 60, Subpart K)</p>
70-TK-95	40 CFR Part 60, Subpart K	60K-b	<p>Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978</p> <p>Storage Capacity = Capacity is greater than 65,000 gallons (246,052 liters)</p> <p>Product Stored = Petroleum liquid (other than petroleum or condensate)</p> <p>True Vapor Pressure = True vapor pressure is less than 1.5 psia</p> <p>Storage Vessel Description = Emission controls not required</p>

Unit ID	Regulation	Index Number	Basis of Determination*
			Reid Vapor Pressure = Reid vapor pressure not determined Maximum True Vapor Pressure = Maximum true vapor pressure is not determined
73-TK-166	30 TAC Chapter 115, Storage of VOCs	R5112	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Welded tank using an external floating roof True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Primary Seal = Mechanical shoe Product Stored = Crude oil and/or condensate Secondary Seal = Secondary seal not determined since 30 TAC §§ 115.117(a)(4) or 115.117(b)(4) exemption is not utilized Storage Capacity = Capacity is greater than 40,000 gallons
73-TK-166	40 CFR Part 60, Subpart Kb	60KB	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia
73-TK-166	40 CFR Part 63, Subpart CC	63CC	Existing Source = The storage vessel is at a new source. Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa) Emission Control Type = External floating roof Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb. Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641) Seal Type = Two seals, one above the other, the primary seal being a metallic shoe seal
73-TK-167	30 TAC Chapter 115, Storage of VOCs	R5112	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Welded tank using an external floating roof True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Primary Seal = Mechanical shoe Product Stored = Crude oil and/or condensate Secondary Seal = Secondary seal not determined since 30 TAC §§ 115.117(a)(4) or 115.117(b)(4) exemption is not utilized Storage Capacity = Capacity is greater than 40,000 gallons
73-TK-167	40 CFR Part 60, Subpart Kb	60KB	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia

Unit ID	Regulation	Index Number	Basis of Determination*
			Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia
73-TK-167	40 CFR Part 63, Subpart CC	63CC	Existing Source = The storage vessel is at a new source. Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa) Emission Control Type = External floating roof Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb. Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641) Seal Type = Two seals, one above the other, the primary seal being a metallic shoe seal
83-TK-155	30 TAC Chapter 115, Storage of VOCs	R5112-a	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Welded tank using an external floating roof True Vapor Pressure = True vapor pressure is less than 1.0 psia Primary Seal = Mechanical shoe Product Stored = VOC other than crude oil or condensate Secondary Seal = Rim-mounted Storage Capacity = Capacity is greater than 40,000 gallons
83-TK-155	30 TAC Chapter 115, Storage of VOCs	R5112-b	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Welded tank using an external floating roof True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Primary Seal = Mechanical shoe Product Stored = VOC other than crude oil or condensate Secondary Seal = Rim-mounted Storage Capacity = Capacity is greater than 40,000 gallons
83-TK-155	30 TAC Chapter 115, Storage of VOCs	R5112-c	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Welded tank using an external floating roof True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Primary Seal = Mechanical shoe Product Stored = Crude oil and/or condensate Secondary Seal = Rim-mounted Storage Capacity = Capacity is greater than 40,000 gallons
83-TK-155	30 TAC Chapter 115, Storage of VOCs	R5112-d	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = Other than crude oil, condensate, or VOC

Unit ID	Regulation	Index Number	Basis of Determination*
83-TK-155	40 CFR Part 60, Subpart Kb	60KB-a	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia
83-TK-155	40 CFR Part 60, Subpart Kb	60KB-b	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal
83-TK-155	40 CFR Part 60, Subpart Kb	60KB-c	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal
83-TK-155	40 CFR Part 60, Subpart Kb	60KB-d	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia
83-TK-155	40 CFR Part 60, Subpart Kb	60KB-e	Product Stored = Waste mixture of indeterminate or variable composition Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia
83-TK-155	40 CFR Part 60, Subpart QQQ	60QQQ	Construction/Modification Date = After May 4, 1987 Alternate Means of Emission Limitation = The EPA Administrator has not approved an alternate means of emission limitation. Alternative Standard = The storage vessel, slop oil tank, or auxiliary tank is not equipped with a floating roof. Subject to 40 CFR Part 60, Subpart K, Ka or Kb = Yes
83-TK-155	40 CFR Part 61, Subpart FF	61FF	Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF. Alternative Standard for Tanks = The tank is complying with the alternative standards in 40 CFR § 61.351. Kb Tank Type = Using an external floating roof that meets the requirements of 40 CFR § 60.112b(a)(2) Seal Type = Mechanical shoe primary seal
83-TK-162	30 TAC Chapter 115, Storage of VOCs	R5112-a	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Welded tank using an external floating roof True Vapor Pressure = True vapor pressure is less than 1.0 psia Primary Seal = Mechanical shoe Product Stored = VOC other than crude oil or condensate Secondary Seal = Rim-mounted Storage Capacity = Capacity is greater than 40,000 gallons

Unit ID	Regulation	Index Number	Basis of Determination*
83-TK-162	30 TAC Chapter 115, Storage of VOCs	R5112-b	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Welded tank using an external floating roof</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Primary Seal = Mechanical shoe</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Secondary Seal = Rim-mounted</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
83-TK-162	30 TAC Chapter 115, Storage of VOCs	R5112-c	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Welded tank using an external floating roof</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Primary Seal = Mechanical shoe</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Secondary Seal = Rim-mounted</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
83-TK-162	30 TAC Chapter 115, Storage of VOCs	R5112-d	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = Other than crude oil, condensate, or VOC</p>
83-TK-162	40 CFR Part 60, Subpart Kb	60KB-a	<p>Product Stored = Petroleum liquid (other than petroleum or condensate)</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia</p>
83-TK-162	40 CFR Part 60, Subpart Kb	60KB-b	<p>Product Stored = Petroleum liquid (other than petroleum or condensate)</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia</p> <p>Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal</p>
83-TK-162	40 CFR Part 60, Subpart Kb	60KB-c	<p>Product Stored = Volatile organic liquid</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia</p> <p>Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal</p>
83-TK-162	40 CFR Part 60, Subpart Kb	60KB-d	<p>Product Stored = Crude oil stored, processed, and/or treated after custody transfer</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia</p> <p>Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal</p> <p>Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia</p>
83-TK-162	40 CFR Part 60,	60KB-e	Product Stored = Waste mixture of indeterminate or variable composition

Unit ID	Regulation	Index Number	Basis of Determination*
	Subpart Kb		Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia
83-TK-162	40 CFR Part 60, Subpart QQQ	60QQQ	Construction/Modification Date = After May 4, 1987 Alternate Means of Emission Limitation = The EPA Administrator has not approved an alternate means of emission limitation. Alternative Standard = The storage vessel, slop oil tank, or auxiliary tank is not equipped with a floating roof. Subject to 40 CFR Part 60, Subpart K, Ka or Kb = Yes
83-TK-162	40 CFR Part 61, Subpart FF	61FF	Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF. Alternative Standard for Tanks = The tank is complying with the alternative standards in 40 CFR § 61.351. Kb Tank Type = Using an external floating roof that meets the requirements of 40 CFR § 60.112b(a)(2) Seal Type = Mechanical shoe primary seal
83-TK-23	30 TAC Chapter 115, Storage of VOCs	R5112-a	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Welded tank using an external floating roof True Vapor Pressure = True vapor pressure is less than 1.0 psia Primary Seal = Mechanical shoe Product Stored = VOC other than crude oil or condensate Secondary Seal = Rim-mounted Storage Capacity = Capacity is greater than 40,000 gallons
83-TK-23	30 TAC Chapter 115, Storage of VOCs	R5112-b	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Welded tank using an external floating roof True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Primary Seal = Mechanical shoe Product Stored = VOC other than crude oil or condensate Secondary Seal = Rim-mounted Storage Capacity = Capacity is greater than 40,000 gallons
83-TK-23	30 TAC Chapter 115, Storage of VOCs	R5112-c	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Welded tank using an external floating roof True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Primary Seal = Mechanical shoe Product Stored = Crude oil and/or condensate Secondary Seal = Rim-mounted Storage Capacity = Capacity is greater than 40,000 gallons
83-TK-23	30 TAC Chapter 115, Storage of VOCs	R5112-d	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.

Unit ID	Regulation	Index Number	Basis of Determination*
			Product Stored = Other than crude oil, condensate, or VOC
83-TK-23	40 CFR Part 60, Subpart Ka	60KA-a	Product Stored = Stored product other than a petroleum liquid Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters)
83-TK-23	40 CFR Part 60, Subpart Ka	60KA-b	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters) True Vapor Pressure = TVP is less than 1.5 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof (EFR) with mechanical shoe primary seal Reid Vapor Pressure = RVP not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized Maximum True Vapor Pressure = Maximum true vapor pressure is not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized
83-TK-23	40 CFR Part 60, Subpart Ka	60KA-c	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters) True Vapor Pressure = TVP is greater than or equal to 1.5 but less than or equal to 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof (EFR) with mechanical shoe primary seal Reid Vapor Pressure = RVP not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized
83-TK-23	40 CFR Part 60, Subpart Ka	60KA-d	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters) True Vapor Pressure = TVP is greater than or equal to 1.5 but less than or equal to 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof (EFR) with mechanical shoe primary seal Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia
83-TK-23	40 CFR Part 60, Subpart QQQ	60QQQ	Construction/Modification Date = After May 4, 1987 Alternate Means of Emission Limitation = The EPA Administrator has not approved an alternate means of emission limitation. Alternative Standard = The storage vessel, slop oil tank, or auxiliary tank is not equipped with a floating roof. Subject to 40 CFR Part 60, Subpart K, Ka or Kb = Yes
83-TK-25	30 TAC Chapter 115, Storage of VOCs	R5112-a	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank (other than welded) using an external floating roof (EFR) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Primary Seal = Mechanical shoe Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons
83-TK-25	30 TAC Chapter 115, Storage of VOCs	R5112-d	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = Other than crude oil, condensate, or VOC
83-TK-25	40 CFR Part 60, Subpart Ka	60KA-a	Product Stored = Stored product other than a petroleum liquid

Unit ID	Regulation	Index Number	Basis of Determination*
83-TK-25	40 CFR Part 60, Subpart Ka	60KA-b	<p>Product Stored = Petroleum liquid (other than petroleum or condensate)</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters)</p> <p>True Vapor Pressure = TVP is less than 1.5 psia</p> <p>Storage Vessel Description = Emission controls not required (fixed roof)</p> <p>Reid Vapor Pressure = RVP not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized</p> <p>Maximum True Vapor Pressure = Maximum true vapor pressure is not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized</p>
83-TK-25	40 CFR Part 61, Subpart FF	61FF	<p>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.</p> <p>Alternative Standard for Tanks = The tank is complying with the alternative standards in 40 CFR § 61.351.</p> <p>Kb Tank Type = Using an external floating roof that meets the requirements of 40 CFR § 60.112b(a)(2)</p> <p>Seal Type = Mechanical shoe primary seal</p>
83-TK-26	30 TAC Chapter 115, Storage of VOCs	R5112-a	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Welded tank using an external floating roof</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Primary Seal = Mechanical shoe</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Secondary Seal = Rim-mounted</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
83-TK-26	30 TAC Chapter 115, Storage of VOCs	R5112-b	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Welded tank using an external floating roof</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Primary Seal = Mechanical shoe</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Secondary Seal = Rim-mounted</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
83-TK-26	30 TAC Chapter 115, Storage of VOCs	R5112-c	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Welded tank using an external floating roof</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Primary Seal = Mechanical shoe</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Secondary Seal = Rim-mounted</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
83-TK-26	30 TAC Chapter 115, Storage of VOCs	R5112-d	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
			Product Stored = Other than crude oil, condensate, or VOC
83-TK-26	40 CFR Part 60, Subpart Kb	60KB-a	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia
83-TK-26	40 CFR Part 60, Subpart Kb	60KB-b	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal
83-TK-26	40 CFR Part 60, Subpart Kb	60KB-c	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal
83-TK-26	40 CFR Part 60, Subpart Kb	60KB-d	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia
83-TK-26	40 CFR Part 60, Subpart Kb	60KB-e	Product Stored = Waste mixture of indeterminate or variable composition Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia
83-TK-26	40 CFR Part 60, Subpart QQQ	60QQQ	Construction/Modification Date = After May 4, 1987 Alternate Means of Emission Limitation = The EPA Administrator has not approved an alternate means of emission limitation. Alternative Standard = The storage vessel, slop oil tank, or auxiliary tank is not equipped with a floating roof. Subject to 40 CFR Part 60, Subpart K, Ka or Kb = Yes
83-TK-26	40 CFR Part 63, Subpart CC	63CC	Product Stored = Refined petroleum products Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb. Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal Applicability = The storage vessel is subject to the control requirements of 40 CFR Part 60, Subpart Kb
83-TK-26	40 CFR Part 63, Subpart CC	63CC-b	Product Stored = Crude oil Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)

Unit ID	Regulation	Index Number	Basis of Determination*
			<p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia</p> <p>Storage Vessel Description = Pontoon-type or double-deck-type external floating roof a with mechanical shoe primary seal</p> <p>Applicability = The storage vessel is subject to the control requirements of 40 CFR Part 60, Subpart Kb</p> <p>Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia</p>
83-TK-28	30 TAC Chapter 115, Storage of VOCs	R5112-a	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
83-TK-28	30 TAC Chapter 115, Storage of VOCs	R5112-d	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = Other than crude oil, condensate, or VOC</p>
83-TK-28	40 CFR Part 60, Subpart Kb	60KB-a	<p>Product Stored = Petroleum liquid (other than petroleum or condensate)</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia</p>
83-TK-28	40 CFR Part 60, Subpart Kb	60KB-e	<p>Product Stored = Waste mixture of indeterminate or variable composition</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia</p>
83-V-97	30 TAC Chapter 115, Storage of VOCs	R5112-a	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Welded tank using an external floating roof</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Primary Seal = Mechanical shoe</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Secondary Seal = Rim-mounted</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
83-V-97	30 TAC Chapter 115, Storage of VOCs	R5112-b	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Welded tank using an external floating roof</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Primary Seal = Mechanical shoe</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Secondary Seal = Rim-mounted</p>

Unit ID	Regulation	Index Number	Basis of Determination*
			Storage Capacity = Capacity is greater than 40,000 gallons
83-V-97	30 TAC Chapter 115, Storage of VOCs	R5112-c	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Welded tank using an external floating roof</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Primary Seal = Mechanical shoe</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Secondary Seal = Rim-mounted</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
83-V-97	30 TAC Chapter 115, Storage of VOCs	R5112-d	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = Other than crude oil, condensate, or VOC</p>
83-V-97	40 CFR Part 60, Subpart Kb	60KB-a	<p>Product Stored = Petroleum liquid (other than petroleum or condensate)</p> <p>Storage Capacity = Capacity is greater than or equal to 19,800 gallons (75,000 liters) but less than 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is less than 2.2 psia</p>
83-V-97	40 CFR Part 60, Subpart Kb	60KB-b	<p>Product Stored = Petroleum liquid (other than petroleum or condensate)</p> <p>Storage Capacity = Capacity is greater than or equal to 19,800 gallons (75,000 liters) but less than 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 4.0 psia but less than 11.1 psia</p> <p>Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal</p>
83-V-97	40 CFR Part 60, Subpart Kb	60KB-c	<p>Product Stored = Volatile organic liquid</p> <p>Storage Capacity = Capacity is greater than or equal to 19,800 gallons (75,000 liters) but less than 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 4.0 psia but less than 11.1 psia</p> <p>Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal</p>
83-V-97	40 CFR Part 60, Subpart Kb	60KB-d	<p>Product Stored = Crude oil stored, processed, and/or treated after custody transfer</p> <p>Storage Capacity = Capacity is greater than or equal to 19,800 gallons (75,000 liters) but less than 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 4.0 psia but less than 11.1 psia</p> <p>Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal</p> <p>Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia</p>
83-V-97	40 CFR Part 60, Subpart Kb	60KB-e	<p>Product Stored = Waste mixture of indeterminate or variable composition</p> <p>Storage Capacity = Capacity is greater than or equal to 19,800 gallons (75,000 liters) but less than 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is less than 2.2 psia</p>
83-V-97	40 CFR Part 60, Subpart QQQ	60QQQ	<p>Construction/Modification Date = After May 4, 1987</p> <p>Alternate Means of Emission Limitation = The EPA Administrator has not approved an alternate means of emission limitation.</p> <p>Alternative Standard = The storage vessel, slop oil tank, or auxiliary tank is not equipped with a floating roof.</p> <p>Subject to 40 CFR Part 60, Subpart K, Ka or Kb = Yes</p>

Unit ID	Regulation	Index Number	Basis of Determination*
83-V-97	40 CFR Part 61, Subpart FF	61FF	Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF. Alternative Standard for Tanks = The tank is complying with the alternative standards in 40 CFR § 61.351. Kb Tank Type = Using an external floating roof that meets the requirements of 40 CFR § 60.112b(a)(2) Seal Type = Mechanical shoe primary seal
83-V-98	30 TAC Chapter 115, Storage of VOCs	R5112-a	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR) True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons
83-V-98	30 TAC Chapter 115, Storage of VOCs	R5112-b	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons
83-V-98	30 TAC Chapter 115, Storage of VOCs	R5112-c	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 40,000 gallons
83-V-98	30 TAC Chapter 115, Storage of VOCs	R5112-d	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = Other than crude oil, condensate, or VOC
83-V-98	40 CFR Part 60, Subpart Kb	60KB-a	Product Stored = Stored product other than volatile organic liquid or petroleum liquid
83-V-98	40 CFR Part 60, Subpart Kb	60KB-b	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.5 psia but less than 0.75 psia Storage Vessel Description = Fixed roof with an internal floating roof using two seals mounted one above the other to form a continuous closure
83-V-98	40 CFR Part 60, Subpart Kb	60KB-c	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using two seals mounted one above the other to form a continuous closure

Unit ID	Regulation	Index Number	Basis of Determination*
83-V-98	40 CFR Part 60, Subpart Kb	60KB-d	<p>Product Stored = Crude oil stored, processed, and/or treated after custody transfer</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia</p> <p>Storage Vessel Description = Fixed roof with an internal floating roof using two seals mounted one above the other to form a continuous closure</p> <p>Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia</p>
83-V-98	40 CFR Part 61, Subpart FF	61FF	<p>Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF.</p> <p>Alternative Standard for Tanks = The tank is complying with the alternative standards in 40 CFR § 61.351.</p> <p>Kb Tank Type = Using a fixed roof and internal floating roof, that meets the requirements of 40 CFR § 60.112b(a)(1)</p> <p>Seal Type = Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the vessel and the edge of the internal floating roof.</p>
83-V-98	40 CFR Part 63, Subpart CC	63CC	<p>Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate composition</p> <p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia</p> <p>Storage Vessel Description = Fixed roof with an internal floating roof using two seals mounted one above the other to form a continuous closure</p> <p>Applicability = The storage vessel is subject to the control requirements of 40 CFR Part 60, Subpart Kb</p>
GRP-EFRA1	30 TAC Chapter 115, Storage of VOCs	R5112-a	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Welded tank using an external floating roof</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Primary Seal = Mechanical shoe</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Secondary Seal = Rim-mounted</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRP-EFRA1	30 TAC Chapter 115, Storage of VOCs	R5112-b	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Welded tank using an external floating roof</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Primary Seal = Mechanical shoe</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Secondary Seal = Rim-mounted</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRP-EFRA1	30 TAC Chapter	R5112-c	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable

Unit ID	Regulation	Index Number	Basis of Determination*
	115, Storage of VOCs		control requirements or exemption criteria. Tank Description = Welded tank using an external floating roof True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Primary Seal = Mechanical shoe Product Stored = Crude oil and/or condensate Secondary Seal = Rim-mounted Storage Capacity = Capacity is greater than 40,000 gallons
GRP-EFRA1	30 TAC Chapter 115, Storage of VOCs	R5112-d	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = Other than crude oil, condensate, or VOC
GRP-EFRA1	40 CFR Part 60, Subpart Ka	60KA-a	Product Stored = Stored product other than a petroleum liquid
GRP-EFRA1	40 CFR Part 60, Subpart Ka	60KA-b	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters) True Vapor Pressure = TVP is less than 1.5 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof (EFR) with mechanical shoe primary seal Reid Vapor Pressure = RVP not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized Maximum True Vapor Pressure = Maximum true vapor pressure is not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized
GRP-EFRA1	40 CFR Part 60, Subpart Ka	60KA-c	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters) True Vapor Pressure = TVP is greater than or equal to 1.5 but less than or equal to 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof (EFR) with mechanical shoe primary seal Reid Vapor Pressure = RVP not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized
GRP-EFRA1	40 CFR Part 60, Subpart Ka	60KA-d	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters) True Vapor Pressure = TVP is greater than or equal to 1.5 but less than or equal to 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof (EFR) with mechanical shoe primary seal Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia
GRP-EFRA1	40 CFR Part 63, Subpart CC	63CC	Existing Source = The storage vessel is at an existing source. Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa) Emission Control Type = External floating roof Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb. Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641) Seal Type = Two seals, one above the other, the primary seal being a metallic shoe seal

Unit ID	Regulation	Index Number	Basis of Determination*
GRP-ERLQA	30 TAC Chapter 115, Storage of VOCs	R5112-a	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Welded tank using an external floating roof</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Primary Seal = Mechanical shoe</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Secondary Seal = Rim-mounted</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRP-ERLQA	30 TAC Chapter 115, Storage of VOCs	R5112-b	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Welded tank using an external floating roof</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Primary Seal = Mechanical shoe</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Secondary Seal = Rim-mounted</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRP-ERLQA	30 TAC Chapter 115, Storage of VOCs	R5112-c	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Welded tank using an external floating roof</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Primary Seal = Mechanical shoe</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Secondary Seal = Rim-mounted</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRP-ERLQA	30 TAC Chapter 115, Storage of VOCs	R5112-d	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = Other than crude oil, condensate, or VOC</p>
GRP-ERLQA	40 CFR Part 60, Subpart Kb	60KB-a	Product Stored = Stored product other than volatile organic liquid or petroleum liquid
GRP-ERLQA	40 CFR Part 60, Subpart Kb	60KB-b	<p>Product Stored = Petroleum liquid (other than petroleum or condensate)</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.5 psia but less than 0.75 psia</p> <p>Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal</p>
GRP-ERLQA	40 CFR Part 60, Subpart Kb	60KB-c	<p>Product Stored = Petroleum liquid (other than petroleum or condensate)</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia</p> <p>Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal</p>

Unit ID	Regulation	Index Number	Basis of Determination*
GRP-ERLQA	40 CFR Part 60, Subpart Kb	60KB-d	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia
GRP-ERLQA	40 CFR Part 60, Subpart QQQ	60QQQ	Construction/Modification Date = After May 4, 1987 Alternate Means of Emission Limitation = The EPA Administrator has not approved an alternate means of emission limitation. Alternative Standard = The storage vessel, slop oil tank, or auxiliary tank is not equipped with a floating roof. Subject to 40 CFR Part 60, Subpart K, Ka or Kb = Yes
GRP-ERLQA	40 CFR Part 61, Subpart FF	61FF	Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF. Alternative Standard for Tanks = The tank is complying with the alternative standards in 40 CFR § 61.351. Kb Tank Type = Using an external floating roof that meets the requirements of 40 CFR § 60.112b(a)(2) Seal Type = Mechanical shoe primary seal
GRP-ERLQA	40 CFR Part 63, Subpart CC	63CC	Existing Source = The storage vessel is at an existing source. Product Stored = Volatile organic liquid other than crude oil, refined petroleum products or waste of variable or indeterminate composition Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa) Emission Control Type = Fixed roof and an internal floating roof Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb. Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Pontoon-type or double-deck-type external floating roof with mechanical shoe primary seal Applicability = The storage vessel is subject to the control requirements of 40 CFR Part 60, Subpart Kb Seal Type = Liquid-mounted seal
GRP-FIXA2	30 TAC Chapter 115, Storage of VOCs	R5112-a	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons
GRP-FIXA2	30 TAC Chapter 115, Storage of VOCs	R5112-d	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = Other than crude oil, condensate, or VOC
GRP-FIXA2	40 CFR Part 60, Subpart Ka	60KA-a	Product Stored = Stored product other than a petroleum liquid

Unit ID	Regulation	Index Number	Basis of Determination*
GRP-FIXA2	40 CFR Part 60, Subpart Ka	60KA-b	<p>Product Stored = Petroleum liquid (other than petroleum or condensate)</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters)</p> <p>True Vapor Pressure = TVP is less than 1.5 psia</p> <p>Storage Vessel Description = Emission controls not required (fixed roof)</p> <p>Reid Vapor Pressure = RVP not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized</p> <p>Maximum True Vapor Pressure = Maximum true vapor pressure is not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized</p>
GRP-FIXA2	40 CFR Part 63, Subpart CC	63CC	<p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Group 1 Storage Vessel = The storage vessel is a Group 2 vessel.</p> <p>Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.</p>
GRP-FIXAN	30 TAC Chapter 115, Storage of VOCs	R5112-a	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRP-FIXAN	30 TAC Chapter 115, Storage of VOCs	R5112-d	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = Other than crude oil, condensate, or VOC</p>
GRP-FIXAN	40 CFR Part 60, Subpart Ka	60KA-a	<p>Product Stored = Stored product other than a petroleum liquid</p>
GRP-FIXAN	40 CFR Part 60, Subpart Ka	60KA-b	<p>Product Stored = Petroleum liquid (other than petroleum or condensate)</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters)</p> <p>True Vapor Pressure = TVP is less than 1.5 psia</p> <p>Storage Vessel Description = Emission controls not required (fixed roof)</p> <p>Reid Vapor Pressure = RVP not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized</p> <p>Maximum True Vapor Pressure = Maximum true vapor pressure is not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized</p>
GRP-FIXAS	30 TAC Chapter 115, Storage of VOCs	R5112-a	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank does not require emission controls</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 25,000 gallons</p>
GRP-FIXAS	30 TAC Chapter 115, Storage of VOCs	R5112-d	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
			Product Stored = Other than crude oil, condensate, or VOC
GRP-FIXAS	40 CFR Part 60, Subpart Ka	60KA-a	Product Stored = Stored product other than a petroleum liquid Storage Capacity = Capacity is 40,000 gallons (151,416 liters) or less
GRP-FIXAS	40 CFR Part 60, Subpart Ka	60KA-b	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is 40,000 gallons (151,416 liters) or less
GRP-FIXK2	30 TAC Chapter 115, Storage of VOCs	R5112-a	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank does not require emission controls True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons
GRP-FIXK2	30 TAC Chapter 115, Storage of VOCs	R5112-d	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = Other than crude oil, condensate, or VOC
GRP-FIXK2	40 CFR Part 60, Subpart K	60K-a	Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978 Storage Capacity = Capacity is greater than 65,000 gallons (246,052 liters) Product Stored = Stored product other than petroleum liquid (as defined in 40 CFR Part 60, Subpart K)
GRP-FIXK2	40 CFR Part 60, Subpart K	60K-b	Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978 Storage Capacity = Capacity is greater than 65,000 gallons (246,052 liters) Product Stored = Petroleum liquid (other than petroleum or condensate) True Vapor Pressure = True vapor pressure is less than 1.5 psia Storage Vessel Description = Emission controls not required Reid Vapor Pressure = Reid vapor pressure not determined Maximum True Vapor Pressure = Maximum true vapor pressure is not determined
GRP-FIXK2	40 CFR Part 63, Subpart CC	63CC	Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb. Group 1 Storage Vessel = The storage vessel is a Group 2 vessel. Applicability = The storage vessel is required to comply with 40 CFR Part 63, Subpart CC and is part of a process unit.
GRP-GDTKS	30 TAC Chapter 115, Storage of VOCs	R5112-a	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR) True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons

Unit ID	Regulation	Index Number	Basis of Determination*
GRP-GDTKS	30 TAC Chapter 115, Storage of VOCs	R5112-b	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRP-GDTKS	30 TAC Chapter 115, Storage of VOCs	R5112-c	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRP-GDTKS	40 CFR Part 60, Subpart Kb	60KB-a	<p>Product Stored = Petroleum liquid (other than petroleum or condensate)</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia</p>
GRP-GDTKS	40 CFR Part 60, Subpart Kb	60KB-b	<p>Product Stored = Petroleum liquid (other than petroleum or condensate)</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia</p> <p>Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal</p>
GRP-GDTKS	40 CFR Part 60, Subpart Kb	60KB-c	<p>Product Stored = Volatile organic liquid</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia</p> <p>Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal</p>
GRP-GDTKS	40 CFR Part 60, Subpart Kb	60KB-d	<p>Product Stored = Crude oil stored, processed, and/or treated after custody transfer</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia</p> <p>Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal</p> <p>Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia</p>
GRP-GDTKS	40 CFR Part 63, Subpart CC	63CC	<p>Product Stored = Refined petroleum products</p> <p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia</p> <p>Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal</p>

Unit ID	Regulation	Index Number	Basis of Determination*
GRP-GDTKS	40 CFR Part 63, Subpart CC	63CC-b	<p>Product Stored = Crude oil</p> <p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia</p> <p>Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal</p> <p>Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia</p>
GRP-IRLQAG	30 TAC Chapter 115, Storage of VOCs	R5112-a	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRP-IRLQAG	30 TAC Chapter 115, Storage of VOCs	R5112-b	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRP-IRLQAG	30 TAC Chapter 115, Storage of VOCs	R5112-c	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRP-IRLQAG	30 TAC Chapter 115, Storage of VOCs	R5112-d	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = Other than crude oil, condensate, or VOC</p>
GRP-IRLQAG	40 CFR Part 60, Subpart Ka	60KA-a	<p>Product Stored = Stored product other than a petroleum liquid</p>
GRP-IRLQAG	40 CFR Part 60, Subpart Ka	60KA-b	<p>Product Stored = Petroleum liquid (other than petroleum or condensate)</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters)</p> <p>True Vapor Pressure = TVP is less than 1.5 psia</p> <p>Storage Vessel Description = Fixed roof with an internal floating-type cover</p> <p>Reid Vapor Pressure = RVP not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized</p> <p>Maximum True Vapor Pressure = Maximum true vapor pressure is not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized</p>

Unit ID	Regulation	Index Number	Basis of Determination*
GRP-IRLQAG	40 CFR Part 60, Subpart Ka	60KA-c	<p>Product Stored = Petroleum liquid (other than petroleum or condensate)</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters)</p> <p>True Vapor Pressure = TVP is greater than or equal to 1.5 but less than or equal to 11.1 psia</p> <p>Storage Vessel Description = Fixed roof with an internal floating-type cover</p> <p>Reid Vapor Pressure = RVP not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized</p>
GRP-IRLQAG	40 CFR Part 60, Subpart Ka	60KA-d	<p>Product Stored = Crude oil stored, processed, and/or treated after custody transfer</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters)</p> <p>True Vapor Pressure = TVP is greater than or equal to 1.5 but less than or equal to 11.1 psia</p> <p>Storage Vessel Description = Fixed roof with an internal floating-type cover</p> <p>Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia</p>
GRP-IRLQAG	40 CFR Part 63, Subpart CC	63CC	<p>Existing Source = The storage vessel is at an existing source.</p> <p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa)</p> <p>Emission Control Type = Fixed roof and an internal floating roof</p> <p>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641)</p> <p>Seal Type = Liquid-mounted seal</p>
GRP-IRLQAG	40 CFR Part 63, Subpart CC	63CC-d	<p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is subject to 40 CFR Part 63, Subparts F, G, H, or I.</p>
GRP-IRLQB1	30 TAC Chapter 115, Storage of VOCs	R5112-a	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRP-IRLQB1	30 TAC Chapter 115, Storage of VOCs	R5112-b	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRP-IRLQB1	30 TAC Chapter 115, Storage of VOCs	R5112-c	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p>

Unit ID	Regulation	Index Number	Basis of Determination*
			Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 40,000 gallons
GRP-IRLQB1	30 TAC Chapter 115, Storage of VOCs	R5112-d	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = Other than crude oil, condensate, or VOC
GRP-IRLQB1	40 CFR Part 60, Subpart Kb	60KB-a	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia
GRP-IRLQB1	40 CFR Part 60, Subpart Kb	60KB-b	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using a liquid-mounted seal
GRP-IRLQB1	40 CFR Part 60, Subpart Kb	60KB-c	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using a liquid-mounted seal
GRP-IRLQB1	40 CFR Part 60, Subpart Kb	60KB-d	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using a liquid-mounted seal Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia
GRP-IRLQB1	40 CFR Part 60, Subpart Kb	60KB-e	Product Stored = Waste mixture of indeterminate or variable composition Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia
GRP-IRLQB1	40 CFR Part 63, Subpart CC	63CC	Product Stored = Refined petroleum products Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb. Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using a liquid-mounted seal Applicability = The storage vessel is subject to the control requirements of 40 CFR Part 60, Subpart Kb
GRP-IRLQB1	40 CFR Part 63, Subpart CC	63CC-b	Product Stored = Crude oil Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)

Unit ID	Regulation	Index Number	Basis of Determination*
			<p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia</p> <p>Storage Vessel Description = Fixed roof with an internal floating roof using a liquid-mounted seal</p> <p>Applicability = The storage vessel is subject to the control requirements of 40 CFR Part 60, Subpart Kb</p> <p>Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia</p>
GRP-IRLQBG	30 TAC Chapter 115, Storage of VOCs	R5112-a	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRP-IRLQBG	30 TAC Chapter 115, Storage of VOCs	R5112-b	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRP-IRLQBG	30 TAC Chapter 115, Storage of VOCs	R5112-c	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRP-IRLQBG	30 TAC Chapter 115, Storage of VOCs	R5112-d	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = Other than crude oil, condensate, or VOC</p>
GRP-IRLQBG	40 CFR Part 60, Subpart Kb	60KB-a	<p>Product Stored = Petroleum liquid (other than petroleum or condensate)</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia</p>
GRP-IRLQBG	40 CFR Part 60, Subpart Kb	60KB-b	<p>Product Stored = Petroleum liquid (other than petroleum or condensate)</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia</p> <p>Storage Vessel Description = Fixed roof with an internal floating roof using a liquid-mounted seal</p>
GRP-IRLQBG	40 CFR Part 60, Subpart Kb	60KB-c	<p>Product Stored = Volatile organic liquid</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p>

Unit ID	Regulation	Index Number	Basis of Determination*
			Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using a liquid-mounted seal
GRP-IRLQBG	40 CFR Part 60, Subpart Kb	60KB-d	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using a liquid-mounted seal Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia
GRP-IRLQBG	40 CFR Part 60, Subpart Kb	60KB-e	Product Stored = Waste mixture of indeterminate or variable composition Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia
GRP-IRLQBG	40 CFR Part 63, Subpart CC	63CC	Product Stored = Refined petroleum products Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb. Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using a liquid-mounted seal Applicability = The storage vessel is subject to the control requirements of 40 CFR Part 60, Subpart Kb
GRP-IRLQBG	40 CFR Part 63, Subpart CC	63CC-b	Product Stored = Crude oil Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb. Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using a liquid-mounted seal Applicability = The storage vessel is subject to the control requirements of 40 CFR Part 60, Subpart Kb Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia
GRP-IRLQK1	30 TAC Chapter 115, Storage of VOCs	R5112-a	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR) True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons
GRP-IRLQK1	30 TAC Chapter 115, Storage of VOCs	R5112-b	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR)

Unit ID	Regulation	Index Number	Basis of Determination*
			<p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRP-IRLQK1	30 TAC Chapter 115, Storage of VOCs	R5112-c	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRP-IRLQK1	30 TAC Chapter 115, Storage of VOCs	R5112-d	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = Other than crude oil, condensate, or VOC</p>
GRP-IRLQK1	40 CFR Part 60, Subpart K	60K-a	<p>Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978</p> <p>Storage Capacity = Capacity is greater than 65,000 gallons (246,052 liters)</p> <p>Product Stored = Stored product other than petroleum liquid (as defined in 40 CFR Part 60, Subpart K)</p>
GRP-IRLQK1	40 CFR Part 60, Subpart K	60K-b	<p>Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978</p> <p>Storage Capacity = Capacity is greater than 65,000 gallons (246,052 liters)</p> <p>Product Stored = Petroleum liquid (other than petroleum or condensate)</p> <p>True Vapor Pressure = True vapor pressure is less than 1.5 psia</p> <p>Storage Vessel Description = Floating roof (internal or external)</p> <p>Reid Vapor Pressure = Reid vapor pressure not determined</p> <p>Maximum True Vapor Pressure = Maximum true vapor pressure is not determined</p>
GRP-IRLQK1	40 CFR Part 60, Subpart K	60K-c	<p>Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978</p> <p>Storage Capacity = Capacity is greater than 65,000 gallons (246,052 liters)</p> <p>Product Stored = Petroleum liquid (other than petroleum or condensate)</p> <p>True Vapor Pressure = True vapor pressure is at least 1.5 psia and less than 11.1 psia</p> <p>Storage Vessel Description = Floating roof (internal or external)</p> <p>Reid Vapor Pressure = Reid vapor pressure not determined</p>
GRP-IRLQK1	40 CFR Part 60, Subpart K	60K-d	<p>Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978</p> <p>Storage Capacity = Capacity is greater than 65,000 gallons (246,052 liters)</p> <p>Product Stored = Crude oil</p> <p>True Vapor Pressure = True vapor pressure is at least 1.5 psia and less than 11.1 psia</p> <p>Storage Vessel Description = Floating roof (internal or external)</p> <p>Reid Vapor Pressure = Reid vapor pressure is at least 2.0 psia</p>
GRP-IRLQK1	40 CFR Part 63, Subpart CC	63CC	<p>Existing Source = The storage vessel is at an existing source.</p> <p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).</p>

Unit ID	Regulation	Index Number	Basis of Determination*
			<p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa)</p> <p>Emission Control Type = Fixed roof and an internal floating roof</p> <p>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641)</p> <p>Seal Type = Liquid-mounted seal</p>
GRP-IRMTA1	30 TAC Chapter 115, Storage of VOCs	R5112-a	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRP-IRMTA1	30 TAC Chapter 115, Storage of VOCs	R5112-b	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRP-IRMTA1	30 TAC Chapter 115, Storage of VOCs	R5112-c	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRP-IRMTA1	30 TAC Chapter 115, Storage of VOCs	R5112-d	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = Other than crude oil, condensate, or VOC</p>
GRP-IRMTA1	40 CFR Part 60, Subpart Ka	60KA-a	Product Stored = Stored product other than a petroleum liquid
GRP-IRMTA1	40 CFR Part 60, Subpart Ka	60KA-b	<p>Product Stored = Petroleum liquid (other than petroleum or condensate)</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters)</p> <p>True Vapor Pressure = TVP is less than 1.5 psia</p> <p>Storage Vessel Description = Fixed roof with an internal floating-type cover</p> <p>Reid Vapor Pressure = RVP not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized</p> <p>Maximum True Vapor Pressure = Maximum true vapor pressure is not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized</p>
GRP-IRMTA1	40 CFR Part 60, Subpart Ka	60KA-c	<p>Product Stored = Petroleum liquid (other than petroleum or condensate)</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters)</p>

Unit ID	Regulation	Index Number	Basis of Determination*
			<p>True Vapor Pressure = TVP is greater than or equal to 1.5 but less than or equal to 11.1 psia</p> <p>Storage Vessel Description = Fixed roof with an internal floating-type cover</p> <p>Reid Vapor Pressure = RVP not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized</p>
GRP-IRMTA1	40 CFR Part 60, Subpart Ka	60KA-d	<p>Product Stored = Crude oil stored, processed, and/or treated after custody transfer</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters)</p> <p>True Vapor Pressure = TVP is greater than or equal to 1.5 but less than or equal to 11.1 psia</p> <p>Storage Vessel Description = Fixed roof with an internal floating-type cover</p> <p>Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia</p>
GRP-IRMTA1	40 CFR Part 63, Subpart CC	63CC	<p>Existing Source = The storage vessel is at an existing source.</p> <p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa)</p> <p>Emission Control Type = Fixed roof and an internal floating roof</p> <p>Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641)</p> <p>Seal Type = Metallic shoe seal (as defined in 40 CFR § 63.111)</p>
GRP-IRMTAG	30 TAC Chapter 115, Storage of VOCs	R5112-a	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRP-IRMTAG	30 TAC Chapter 115, Storage of VOCs	R5112-b	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRP-IRMTAG	30 TAC Chapter 115, Storage of VOCs	R5112-c	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRP-IRMTAG	30 TAC Chapter 115, Storage of VOCs	R5112-d	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
			Product Stored = Other than crude oil, condensate, or VOC
GRP-IRMTAG	40 CFR Part 60, Subpart Ka	60KA-a	Product Stored = Stored product other than a petroleum liquid
GRP-IRMTAG	40 CFR Part 60, Subpart Ka	60KA-b	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters) True Vapor Pressure = TVP is less than 1.5 psia Storage Vessel Description = Fixed roof with an internal floating-type cover Reid Vapor Pressure = RVP not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized Maximum True Vapor Pressure = Maximum true vapor pressure is not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized
GRP-IRMTAG	40 CFR Part 60, Subpart Ka	60KA-c	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters) True Vapor Pressure = TVP is greater than or equal to 1.5 but less than or equal to 11.1 psia Storage Vessel Description = Fixed roof with an internal floating-type cover Reid Vapor Pressure = RVP not determined since 40 CFR § 60.115a(d)(1) exemption is not utilized
GRP-IRMTAG	40 CFR Part 60, Subpart Ka	60KA-d	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than 40,000 gallons (151,416 liters) True Vapor Pressure = TVP is greater than or equal to 1.5 but less than or equal to 11.1 psia Storage Vessel Description = Fixed roof with an internal floating-type cover Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia
GRP-IRMTAG	40 CFR Part 63, Subpart CC	63CC	Existing Source = The storage vessel is at an existing source. Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa) Emission Control Type = Fixed roof and an internal floating roof Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb. Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641) Seal Type = Liquid-mounted seal
GRP-IRMTAG	40 CFR Part 63, Subpart CC	63CC-d	Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is subject to 40 CFR Part 63, Subparts F, G, H, or I.
GRP-IRMTB1	30 TAC Chapter 115, Storage of VOCs	R5112-a	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR) True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons

Unit ID	Regulation	Index Number	Basis of Determination*
GRP-IRMTB1	30 TAC Chapter 115, Storage of VOCs	R5112-b	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRP-IRMTB1	30 TAC Chapter 115, Storage of VOCs	R5112-c	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRP-IRMTB1	30 TAC Chapter 115, Storage of VOCs	R5112-d	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = Other than crude oil, condensate, or VOC</p>
GRP-IRMTB1	40 CFR Part 60, Subpart Kb	60KB-a	<p>Product Stored = Petroleum liquid (other than petroleum or condensate)</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia</p>
GRP-IRMTB1	40 CFR Part 60, Subpart Kb	60KB-b	<p>Product Stored = Petroleum liquid (other than petroleum or condensate)</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia</p> <p>Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal</p>
GRP-IRMTB1	40 CFR Part 60, Subpart Kb	60KB-c	<p>Product Stored = Volatile organic liquid</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia</p> <p>Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal</p>
GRP-IRMTB1	40 CFR Part 60, Subpart Kb	60KB-d	<p>Product Stored = Crude oil stored, processed, and/or treated after custody transfer</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia</p> <p>Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal</p> <p>Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia</p>
GRP-IRMTB1	40 CFR Part 60, Subpart Kb	60KB-e	<p>Product Stored = Waste mixture of indeterminate or variable composition</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia</p>
GRP-IRMTB1	40 CFR Part 63, Subpart CC	63CC	Product Stored = Refined petroleum products

Unit ID	Regulation	Index Number	Basis of Determination*
			<p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia</p> <p>Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal</p> <p>Applicability = The storage vessel is subject to the control requirements of 40 CFR Part 60, Subpart Kb</p>
GRP-IRMTB1	40 CFR Part 63, Subpart CC	63CC-b	<p>Product Stored = Crude oil</p> <p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia</p> <p>Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal</p> <p>Applicability = The storage vessel is subject to the control requirements of 40 CFR Part 60, Subpart Kb</p> <p>Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia</p>
GRP-IRMTBG	30 TAC Chapter 115, Storage of VOCs	R5112-a	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRP-IRMTBG	30 TAC Chapter 115, Storage of VOCs	R5112-b	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRP-IRMTBG	30 TAC Chapter 115, Storage of VOCs	R5112-c	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRP-IRMTBG	30 TAC Chapter 115, Storage of VOCs	R5112-d	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = Other than crude oil, condensate, or VOC</p>

Unit ID	Regulation	Index Number	Basis of Determination*
GRP-IRMTBG	40 CFR Part 60, Subpart Kb	60KB-a	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia
GRP-IRMTBG	40 CFR Part 60, Subpart Kb	60KB-b	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal
GRP-IRMTBG	40 CFR Part 60, Subpart Kb	60KB-c	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal
GRP-IRMTBG	40 CFR Part 60, Subpart Kb	60KB-d	Product Stored = Crude oil stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia
GRP-IRMTBG	40 CFR Part 60, Subpart Kb	60KB-e	Product Stored = Waste mixture of indeterminate or variable composition Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia
GRP-IRMTBG	40 CFR Part 63, Subpart CC	63CC	Product Stored = Refined petroleum products Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb. Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal Applicability = The storage vessel is subject to the control requirements of 40 CFR Part 60, Subpart Kb
GRP-IRMTBG	40 CFR Part 63, Subpart CC	63CC-b	Product Stored = Crude oil Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb. Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal Applicability = The storage vessel is subject to the control requirements of 40 CFR Part 60, Subpart Kb

Unit ID	Regulation	Index Number	Basis of Determination*
			Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia
GRP-IRMTBG	40 CFR Part 63, Subpart CC	63CC-d	Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is subject to 40 CFR Part 63, Subparts F, G, H, or I.
GRP-IRMTBQ	30 TAC Chapter 115, Storage of VOCs	R5112-a	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR) True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons
GRP-IRMTBQ	30 TAC Chapter 115, Storage of VOCs	R5112-b	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons
GRP-IRMTBQ	30 TAC Chapter 115, Storage of VOCs	R5112-c	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 40,000 gallons
GRP-IRMTBQ	30 TAC Chapter 115, Storage of VOCs	R5112-d	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = Other than crude oil, condensate, or VOC
GRP-IRMTBQ	40 CFR Part 60, Subpart Kb	60KB-a	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia
GRP-IRMTBQ	40 CFR Part 60, Subpart Kb	60KB-b	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal
GRP-IRMTBQ	40 CFR Part 60, Subpart Kb	60KB-c	Product Stored = Volatile organic liquid Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal
GRP-IRMTBQ	40 CFR Part 60,	60KB-d	Product Stored = Crude oil stored, processed, and/or treated after custody transfer

Unit ID	Regulation	Index Number	Basis of Determination*
	Subpart Kb		Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia
GRP-IRMTBQ	40 CFR Part 60, Subpart Kb	60KB-e	Product Stored = Waste mixture of indeterminate or variable composition Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia
GRP-IRMTBQ	40 CFR Part 60, Subpart QQQ	60QQQ	Construction/Modification Date = After May 4, 1987 Alternate Means of Emission Limitation = The EPA Administrator has not approved an alternate means of emission limitation. Alternative Standard = The storage vessel, slop oil tank, or auxiliary tank is not equipped with a floating roof. Subject to 40 CFR Part 60, Subpart K, Ka or Kb = Yes
GRP-IRMTBQ	40 CFR Part 61, Subpart FF	61FF	Waste Treatment Tank = The tank manages, treats or stores a waste stream subject to 40 CFR Part 61, Subpart FF. Alternative Standard for Tanks = The tank is complying with the alternative standards in 40 CFR § 61.351. Kb Tank Type = Using a fixed roof and internal floating roof, that meets the requirements of 40 CFR § 60.112b(a)(1) Seal Type = Foam or liquid-filled seal mounted in contact with the liquid (liquid-mounted seal)
GRP-IRMTBQ	40 CFR Part 63, Subpart CC	63CC	Product Stored = Refined petroleum products Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb. Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal Applicability = The storage vessel is subject to the control requirements of 40 CFR Part 60, Subpart Kb
GRP-IRMTBQ	40 CFR Part 63, Subpart CC	63CC-b	Product Stored = Crude oil Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters) Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb. Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia Storage Vessel Description = Fixed roof with an internal floating roof using a mechanical shoe seal Applicability = The storage vessel is subject to the control requirements of 40 CFR Part 60, Subpart Kb Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia
GRP-IRMTK1	30 TAC Chapter 115, Storage of VOCs	R5112-a	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR)

Unit ID	Regulation	Index Number	Basis of Determination*
			<p>True Vapor Pressure = True vapor pressure is less than 1.0 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRP-IRMTK1	30 TAC Chapter 115, Storage of VOCs	R5112-b	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = VOC other than crude oil or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRP-IRMTK1	30 TAC Chapter 115, Storage of VOCs	R5112-c	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using an internal floating roof (IFR)</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 40,000 gallons</p>
GRP-IRMTK1	30 TAC Chapter 115, Storage of VOCs	R5112-d	<p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Product Stored = Other than crude oil, condensate, or VOC</p>
GRP-IRMTK1	40 CFR Part 60, Subpart K	60K-a	<p>Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978</p> <p>Storage Capacity = Capacity is greater than 65,000 gallons (246,052 liters)</p> <p>Product Stored = Stored product other than petroleum liquid (as defined in 40 CFR Part 60, Subpart K)</p>
GRP-IRMTK1	40 CFR Part 60, Subpart K	60K-b	<p>Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978</p> <p>Storage Capacity = Capacity is greater than 65,000 gallons (246,052 liters)</p> <p>Product Stored = Petroleum liquid (other than petroleum or condensate)</p> <p>True Vapor Pressure = True vapor pressure is less than 1.5 psia</p> <p>Storage Vessel Description = Floating roof (internal or external)</p> <p>Reid Vapor Pressure = Reid vapor pressure not determined</p> <p>Maximum True Vapor Pressure = Maximum true vapor pressure is not determined</p>
GRP-IRMTK1	40 CFR Part 60, Subpart K	60K-c	<p>Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978</p> <p>Storage Capacity = Capacity is greater than 65,000 gallons (246,052 liters)</p> <p>Product Stored = Petroleum liquid (other than petroleum or condensate)</p> <p>True Vapor Pressure = True vapor pressure is at least 1.5 psia and less than 11.1 psia</p> <p>Storage Vessel Description = Floating roof (internal or external)</p> <p>Reid Vapor Pressure = Reid vapor pressure not determined</p>
GRP-IRMTK1	40 CFR Part 60, Subpart K	60K-d	<p>Construction/Modification Date = After March 8, 1974 and on or before May 19, 1978</p> <p>Storage Capacity = Capacity is greater than 65,000 gallons (246,052 liters)</p>

Unit ID	Regulation	Index Number	Basis of Determination*
			Product Stored = Crude oil True Vapor Pressure = True vapor pressure is at least 1.5 psia and less than 11.1 psia Storage Vessel Description = Floating roof (internal or external) Reid Vapor Pressure = Reid vapor pressure is at least 2.0 psia
GRP-IRMTK1	40 CFR Part 63, Subpart CC	63CC	Existing Source = The storage vessel is at an existing source. Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I. True Vapor Pressure = Maximum true vapor pressure of the total organic HAPs in the liquid is less than 11.11 psi (76.6 kPa) Emission Control Type = Fixed roof and an internal floating roof Existing Kb Source = The storage vessel is not part of an existing source or is not subject to the provisions of 40 CFR Part 60, Subpart Kb. Group 1 Storage Vessel = The storage vessel is a Group 1 storage vessel (as defined in 40 CFR § 63.641) Seal Type = Metallic shoe seal (as defined in 40 CFR § 63.111)
TK-51	30 TAC Chapter 115, Storage of VOCs	R5112-a	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR) True Vapor Pressure = True vapor pressure is less than 1.0 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons
TK-51	30 TAC Chapter 115, Storage of VOCs	R5112-b	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Product Stored = VOC other than crude oil or condensate Storage Capacity = Capacity is greater than 40,000 gallons
TK-51	30 TAC Chapter 115, Storage of VOCs	R5112-c	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using an internal floating roof (IFR) True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 40,000 gallons
TK-51	30 TAC Chapter 115, Storage of VOCs	R5112-d	Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Product Stored = Other than crude oil, condensate, or VOC
TK-51	40 CFR Part 60, Subpart Kb	60KB-a	Product Stored = Petroleum liquid (other than petroleum or condensate) Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters) Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia

Unit ID	Regulation	Index Number	Basis of Determination*
TK-51	40 CFR Part 60, Subpart Kb	60KB-b	<p>Product Stored = Petroleum liquid (other than petroleum or condensate)</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia</p> <p>Storage Vessel Description = Fixed roof with an internal floating roof using a liquid-mounted seal</p>
TK-51	40 CFR Part 60, Subpart Kb	60KB-c	<p>Product Stored = Volatile organic liquid</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia</p> <p>Storage Vessel Description = Fixed roof with an internal floating roof using a liquid-mounted seal</p>
TK-51	40 CFR Part 60, Subpart Kb	60KB-d	<p>Product Stored = Crude oil stored, processed, and/or treated after custody transfer</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia</p> <p>Storage Vessel Description = Fixed roof with an internal floating roof using a liquid-mounted seal</p> <p>Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia</p>
TK-51	40 CFR Part 60, Subpart Kb	60KB-e	<p>Product Stored = Waste mixture of indeterminate or variable composition</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,000 liters)</p> <p>Maximum True Vapor Pressure = True vapor pressure is less than 0.5 psia</p>
TK-51	40 CFR Part 63, Subpart CC	63CC	<p>Product Stored = Refined petroleum products</p> <p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia</p> <p>Storage Vessel Description = Fixed roof with an internal floating roof using a liquid-mounted seal</p> <p>Applicability = The storage vessel is subject to the control requirements of 40 CFR Part 60, Subpart Kb</p>
TK-51	40 CFR Part 63, Subpart CC	63CC-b	<p>Product Stored = Crude oil</p> <p>Specified in 40 CFR § 63.640(g)(1)-(6) = The storage vessel is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).</p> <p>Storage Capacity = Capacity is greater than or equal to 39,900 gallons (151,416 liters)</p> <p>Subject to 40 CFR Part 63 Subparts F, G, H or I = The storage vessel is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Existing Kb Source = The storage vessel is part of an existing source and is also subject to the provisions of 40 CFR Part 60, Subpart Kb.</p> <p>Maximum TVP = True vapor pressure is greater than or equal to 0.75 psia but less than 11.1 psia</p> <p>Storage Vessel Description = Fixed roof with an internal floating roof using a liquid-mounted seal</p> <p>Applicability = The storage vessel is subject to the control requirements of 40 CFR Part 60, Subpart Kb</p> <p>Reid Vapor Pressure = Reid vapor pressure is greater than or equal to 2.0 psia</p>
BARGEDOCKS	30 TAC Chapter 115, Loading and Unloading of VOC	R5211	Chapter 115 Facility Type = Marine terminal

Unit ID	Regulation	Index Number	Basis of Determination*
BARGEDOCKS	40 CFR Part 61, Subpart BB	61BB	Negative Applicability = The loading rack loads materials other than benzene-laden waste, gasoline, crude oil, natural gas liquids, petroleum distillates or benzene-laden liquid from a coke by-product plant. Benzene By Weight = Concentration of benzene by weight in the liquid which is loaded is less than 70% benzene by weight.
BARGEDOCKS	40 CFR Part 63, Subpart CC	63CC	Specified in 63.640(g)(1)-(6) = The gasoline loading rack or marine vessel loading operation is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Subject to 40 CFR Part 63, Subparts F, G, H or I = The gasoline loading rack or marine vessel loading operation is not subject to 40 CFR Part 63, Subparts F, G, H, or I. Unit Type = Marine vessel loading operation at a petroleum refinery meeting the applicability criteria of 40 CFR § 63.560.
BARGEDOCKS	40 CFR Part 63, Subpart Y	63Ya	Subpart Y Facility Type = Existing onshore loading terminal (located onshore or less than 0.5 miles from shore). Ballasting Operations = Operations other than or in addition to ballasting operations are performed at the facility. Vapor Pressure = Vapor pressure is greater than or equal to 10.3 kilopascals (1.5 psia) at standard conditions, 20° C and 760 mm Hg. Subpart BB Applicability = Marine vessel loading operations are not subject to and complying with 40 CFR Part 61, Subpart BB. Material Loaded = Material other than crude oil or gasoline. HAP Impurities Only = Marine vessel loading operations at loading berths transfer liquids containing organic hazardous air pollutants other than as impurities. Source Emissions = Source with emissions less than 10 and 25 tons.
BARGEDOCKS	40 CFR Part 63, Subpart Y	63Yb	CEMS = Continuous emissions monitoring system (CEMS) is not being used. Subpart Y Facility Type = Existing onshore loading terminal (located onshore or less than 0.5 miles from shore). Ballasting Operations = Operations other than or in addition to ballasting operations are performed at the facility. Vapor Balancing System = Emissions are not reduced by a vapor balancing system. Documenting Vapor Tightness = Electing to comply with the emissions reporting requirements in 40 CFR § 63.567(b)(5)(i). Vapor Pressure = Vapor pressure is greater than or equal to 10.3 kilopascals (1.5 psia) at standard conditions, 20° C and 760 mm Hg. Subpart BB Applicability = Marine vessel loading operations are not subject to and complying with 40 CFR Part 61, Subpart BB. Subpart Y Control Device Type = Carbon adsorber with vacuum regeneration. Material Loaded = Gasoline. HAP Impurities Only = Marine vessel loading operations at loading berths transfer liquids containing organic hazardous air pollutants other than as impurities. Performance Test = Baseline temperature from manufacturer. Alternate Monitoring = Complying with the control device specific monitoring procedures in 40 CFR § 63.564. Source Emissions = Source with emissions of 10 or 25 tons. Alternate Test Procedure = Complying with the test procedures in 40 CFR § 63.565. Throughput = Source with throughput of 10 M barrels or 200 M barrels. Vent Stream By-Pass = There are valves that could route displaced vapors to the atmosphere. Bypass Flow Indicator = Visual inspection of seal or closure mechanism.
BARGEDOCKS	40 CFR Part 63, Subpart Y	63Yc	Subpart Y Facility Type = Existing onshore loading terminal (located onshore or less than 0.5 miles from shore). Ballasting Operations = Operations other than or in addition to ballasting operations are performed at the facility. Vapor Pressure = Vapor pressure is less than 10.3 kilopascals (1.5 psia) at standard conditions, 20° C and 760 mm Hg.

Unit ID	Regulation	Index Number	Basis of Determination*
BARGEDOCKS	40 CFR Part 63, Subpart Y	63Yd	<p>Subpart Y Facility Type = Existing onshore loading terminal (located onshore or less than 0.5 miles from shore).</p> <p>Ballasting Operations = Operations other than or in addition to ballasting operations are performed at the facility.</p> <p>Vapor Pressure = Vapor pressure is greater than or equal to 10.3 kilopascals (1.5 psia) at standard conditions, 20° C and 760 mm Hg.</p> <p>Subpart BB Applicability = Marine vessel loading operations are not subject to and complying with 40 CFR Part 61, Subpart BB.</p> <p>Material Loaded = Material other than crude oil or gasoline.</p> <p>HAP Impurities Only = Marine vessel loading operations at loading berths only transfer liquids containing organic hazardous air pollutants (HAPs) as impurities.</p>
CD-LOADING	40 CFR Part 63, Subpart CC	63CC	<p>Specified in 63.640(g)(1)-(6) = The gasoline loading rack or marine vessel loading operation is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).</p> <p>Subject to 40 CFR Part 63, Subparts F, G, H or I = The gasoline loading rack or marine vessel loading operation is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Unit Type = Marine vessel loading operation at a petroleum refinery meeting the applicability criteria of 40 CFR § 63.560.</p> <p>Vapor Processing System = THERMAL OXIDATION SYSTEM</p>
RAILRACK1	30 TAC Chapter 115, Loading and Unloading of VOC	R5211	<p>Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal.</p> <p>Alternate Control Requirement (ACR) = No alternate control requirements are being utilized.</p> <p>Product Transferred = Volatile organic compounds other than liquefied petroleum gas, crude oil, condensate and gasoline.</p> <p>Transfer Type = Only unloading.</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia.</p> <p>Daily Throughput = Loading less than 20,000 gallons per day.</p>
SHIPDOCKS	30 TAC Chapter 115, Loading and Unloading of VOC	R5211	Chapter 115 Facility Type = Marine terminal
SHIPDOCKS	40 CFR Part 61, Subpart BB	61BB	<p>Negative Applicability = The loading rack loads materials other than benzene-laden waste, gasoline, crude oil, natural gas liquids, petroleum distillates or benzene-laden liquid from a coke by-product plant.</p> <p>Benzene By Weight = Concentration of benzene by weight in the liquid which is loaded is less than 70% benzene by weight.</p>
SHIPDOCKS	40 CFR Part 63, Subpart CC	63CC	<p>Specified in 63.640(g)(1)-(6) = The gasoline loading rack or marine vessel loading operation is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).</p> <p>Subject to 40 CFR Part 63, Subparts F, G, H or I = The gasoline loading rack or marine vessel loading operation is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Unit Type = Marine vessel loading operation at a petroleum refinery meeting the applicability criteria of 40 CFR § 63.560.</p>
SHIPDOCKS	40 CFR Part 63, Subpart Y	63Ya	<p>Subpart Y Facility Type = Existing onshore loading terminal (located onshore or less than 0.5 miles from shore).</p> <p>Ballasting Operations = Operations other than or in addition to ballasting operations are performed at the facility.</p> <p>Vapor Pressure = Vapor pressure is greater than or equal to 10.3 kilopascals (1.5 psia) at standard conditions, 20° C and 760 mm Hg.</p> <p>Subpart BB Applicability = Marine vessel loading operations are not subject to and complying with 40 CFR Part 61, Subpart BB.</p> <p>Material Loaded = Material other than crude oil or gasoline.</p> <p>HAP Impurities Only = Marine vessel loading operations at loading berths transfer liquids containing organic hazardous air pollutants other than as impurities.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
			Source Emissions = Source with emissions less than 10 and 25 tons.
SHIPDOCKS	40 CFR Part 63, Subpart Y	63Yb	<p>CEMS = Continuous emissions monitoring system (CEMS) is not being used.</p> <p>Subpart Y Facility Type = Existing onshore loading terminal (located onshore or less than 0.5 miles from shore).</p> <p>Ballasting Operations = Operations other than or in addition to ballasting operations are performed at the facility.</p> <p>Vapor Balancing System = Emissions are not reduced by a vapor balancing system.</p> <p>Documenting Vapor Tightness = Electing to comply with the emissions reporting requirements in 40 CFR § 63.567(b)(5)(i).</p> <p>Vapor Pressure = Vapor pressure is greater than or equal to 10.3 kilopascals (1.5 psia) at standard conditions, 20° C and 760 mm Hg.</p> <p>Subpart BB Applicability = Marine vessel loading operations are not subject to and complying with 40 CFR Part 61, Subpart BB.</p> <p>Subpart Y Control Device Type = Carbon adsorber with vacuum regeneration.</p> <p>Material Loaded = Gasoline.</p> <p>HAP Impurities Only = Marine vessel loading operations at loading berths transfer liquids containing organic hazardous air pollutants other than as impurities.</p> <p>Performance Test = Baseline temperature from manufacturer.</p> <p>Alternate Monitoring = Complying with the control device specific monitoring procedures in 40 CFR § 63.564.</p> <p>Source Emissions = Source with emissions of 10 or 25 tons.</p> <p>Alternate Test Procedure = Complying with the test procedures in 40 CFR § 63.565.</p> <p>Throughput = Source with throughput of 10 M barrels or 200 M barrels.</p> <p>Vent Stream By-Pass = There are valves that could route displaced vapors to the atmosphere.</p> <p>Bypass Flow Indicator = Visual inspection of seal or closure mechanism.</p>
SHIPDOCKS	40 CFR Part 63, Subpart Y	63Yc	<p>Subpart Y Facility Type = Existing onshore loading terminal (located onshore or less than 0.5 miles from shore).</p> <p>Ballasting Operations = Operations other than or in addition to ballasting operations are performed at the facility.</p> <p>Vapor Pressure = Vapor pressure is less than 10.3 kilopascals (1.5 psia) at standard conditions, 20° C and 760 mm Hg.</p>
T-RACK	30 TAC Chapter 115, Loading and Unloading of VOC	R5211a	<p>Chapter 115 Control Device Type = Vapor control system with a vapor combustor.</p> <p>Chapter 115 Facility Type = Gasoline terminal</p> <p>Alternate Control Requirement (ACR) = No alternate control requirements are being utilized.</p> <p>Vapor Tight = All liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected.</p> <p>Product Transferred = Gasoline</p> <p>Vapor Space Holding Tank = the gasoline terminal does not have a variable vapor space holding tank design that can process vapors independent of transport vessel loading or chooses compliance with 30 TAC 115.212(a)(4)(C).</p> <p>Transfer Type = Only loading.</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia.</p> <p>Daily Throughput = Daily throughput not determined since 30 TAC § 115.217(a)(2)(B), (b)(3)(B), (a)(2)(A), and (b)(3)(A) exemptions do not apply to marine terminals or gasoline terminals.</p>
T-RACK	30 TAC Chapter 115, Loading and Unloading of VOC	R5211b	<p>Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal.</p> <p>Alternate Control Requirement (ACR) = No alternate control requirements are being utilized.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
			<p>Product Transferred = Volatile organic compounds other than liquefied petroleum gas, crude oil, condensate and gasoline.</p> <p>Transfer Type = Loading and unloading.</p> <p>True Vapor Pressure = True vapor pressure is less than 1.5 psia.</p>
T-RACK	30 TAC Chapter 115, Loading and Unloading of VOC	R5211c	<p>Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal.</p> <p>Alternate Control Requirement (ACR) = No alternate control requirements are being utilized.</p> <p>Product Transferred = Liquefied petroleum gas (LPG), crude oil, or condensate.</p> <p>Transfer Type = Loading and unloading.</p>
T-RACK	40 CFR Part 61, Subpart BB	61BB	Negative Applicability = The loading rack loads only benzene-laden waste, gasoline, crude oil, natural gas liquids, petroleum distillates or benzene-laden liquid from a coke by-product plant.
T-RACK	40 CFR Part 63, Subpart CC	63CC	<p>Specified in 63.640(g)(1)-(6) = The gasoline loading rack or marine vessel loading operation is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).</p> <p>Subject to 40 CFR Part 63, Subparts F, G, H or I = The gasoline loading rack or marine vessel loading operation is not subject to 40 CFR Part 63, Subparts F, G, H, or I.</p> <p>Unit Type = Gasoline loading rack classified under Standard Industrial Classification code 2911.</p> <p>Vapor Processing System = THERMAL OXIDATION SYSTEM</p>
13-H-01C	40 CFR Part 60, Subpart D	60D	<p>Construction/Modification Date = After September 18, 1978.</p> <p>Covered Under Subpart Da = The steam generating unit is not covered under 40 CFR Part 60, Subpart Da.</p> <p>Changes to Existing Affected Facility = No change has been made to the existing fossil fuel-fired steam generating unit.</p> <p>Heat Input Rate = Heat input rate is less than or equal to 250 MMBtu/hr (73 MW).</p>
13-H-01C	40 CFR Part 60, Subpart Db	60Db	Construction/Modification Date = On or before June 19, 1984.
13-H-01C	40 CFR Part 60, Subpart Dc	60Dc	Construction/Modification Date = On or before June 9, 1989.
30-B-02	40 CFR Part 60, Subpart D	60D	<p>Construction/Modification Date = After September 18, 1978.</p> <p>Covered Under Subpart Da = The steam generating unit is not covered under 40 CFR Part 60, Subpart Da.</p> <p>Changes to Existing Affected Facility = No change has been made to the existing fossil fuel-fired steam generating unit.</p> <p>Heat Input Rate = Heat input rate is less than or equal to 250 MMBtu/hr (73 MW).</p>
30-B-02	40 CFR Part 60, Subpart Db	60Db	<p>Construction/Modification Date = On or after November 25, 1986, and on or before July 9, 1997.</p> <p>D-Series Fuel Type #1 = Gaseous fossil fuel other than natural gas and coal-derived synthetic fuel meeting the definition of natural gas.</p> <p>D-Series Fuel Type #2 = Natural gas.</p> <p>Heat Input Capacity = Heat input capacity is greater than 100 MMBtu/hr (29 MW) but less than or equal to 250 MMBtu/hr (73 MW).</p> <p>PM Monitoring Type = No particulate monitoring.</p> <p>Facility Type = The affected facility includes a fuel gas combustion device.</p> <p>Subpart Da = The affected facility does not meet applicability requirements of 40 CFR Part 60, Subpart Da.</p> <p>Changes to Existing Affected Facility = No change has been made to the existing steam generating unit, which was not previously subject to 40 CFR Part 60, Subpart Db, for the sole purpose of combusting gases containing totally reduced sulfur as defined under 40 CFR § 60.281.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
			<p>Monitoring Device = An instrument is in place for continuous monitoring and recording the concentration (dry basis) of hydrogen sulfide in fuel gasses before being burned in any fuel gas combustion device.</p> <p>NOx Monitoring Type = Continuous emission monitoring system.</p> <p>Common Fuel Source = The fuel gas combustion device has a common fuel source with other fuel gas combustion devices.</p> <p>SO2 Monitoring Type = No SO₂ monitoring.</p> <p>Subpart Ea, Eb or AAAA = The affected facility does not meet applicability requirements of and is subject to 40 CFR Part 60, Subpart Ea, Eb or AAAA.</p> <p>Subpart J = The affected facility meets applicability requirements of 40 CFR Part 60, Subpart J.</p> <p>Subpart KKKK = The affected facility is not a heat recovery steam generator associated with combined cycle gas turbines and that meets applicability requirements of and is subject to 40 CFR Part 60, Subpart KKKK.</p> <p>Technology Type = None.</p> <p>ACF Option - SO₂ = Other ACF or no ACF.</p> <p>Subpart Cb or BBBB = The affected facility is not covered by an EPA approved State or Federal section 111(d)/129 plan implementing 40 CFR Part 60, Subpart Cb or BBBB emission guidelines.</p> <p>Unit Type = OTHER UNIT TYPE</p> <p>ACF Option - PM = Other ACF or no ACF.</p> <p>Heat Release Rate = Natural gas oil with a heat release rate greater than 70 MBtu/hr/ft³.</p> <p>ACF Option - NOx = Residual oil with a nitrogen content of 0.30 weight percent or less natural gas, distillate oil, or any mixture of these fuels with an ACF greater than 10%.</p>
30-B-02	40 CFR Part 60, Subpart Dc	60Dc	<p>Construction/Modification Date = After June 9, 1989 but on or before February 28, 2005.</p> <p>Maximum Design Heat Input Capacity = Maximum design heat input capacity is greater than 100 MMBtu/hr (29 MW).</p>
30-B-03	40 CFR Part 60, Subpart D	60D	<p>Construction/Modification Date = After September 18, 1978.</p> <p>Covered Under Subpart Da = The steam generating unit is not covered under 40 CFR Part 60, Subpart Da.</p> <p>Changes to Existing Affected Facility = No change has been made to the existing fossil fuel-fired steam generating unit.</p> <p>Heat Input Rate = Heat input rate is less than or equal to 250 MMBtu/hr (73 MW).</p>
30-B-03	40 CFR Part 60, Subpart Db	60Db	<p>Construction/Modification Date = On or after November 25, 1986, and on or before July 9, 1997.</p> <p>D-Series Fuel Type #1 = Gaseous fossil fuel other than natural gas and coal-derived synthetic fuel meeting the definition of natural gas.</p> <p>D-Series Fuel Type #2 = Natural gas.</p> <p>Heat Input Capacity = Heat input capacity is greater than 250 MMBtu/hr (73 MW).</p> <p>PM Monitoring Type = No particulate monitoring.</p> <p>Facility Type = The affected facility includes a fuel gas combustion device.</p> <p>Subpart Da = The affected facility does not meet applicability requirements of 40 CFR Part 60, Subpart Da.</p> <p>Changes to Existing Affected Facility = No change has been made to the existing steam generating unit, which was not previously subject to 40 CFR Part 60, Subpart Db, for the sole purpose of combusting gases containing totally reduced sulfur as defined under 40 CFR § 60.281.</p> <p>Monitoring Device = An instrument is in place for continuous monitoring and recording the concentration (dry basis) of hydrogen sulfide in fuel gasses before being burned in any fuel gas combustion device.</p> <p>NOx Monitoring Type = Continuous emission monitoring system.</p> <p>Common Fuel Source = The fuel gas combustion device has a common fuel source with other fuel gas combustion devices.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
			<p>SO₂ Monitoring Type = No SO₂ monitoring.</p> <p>Subpart Ea, Eb or AAAA = The affected facility does not meet applicability requirements of and is subject to 40 CFR Part 60, Subpart Ea, Eb or AAAA.</p> <p>Subpart J = The affected facility meets applicability requirements of 40 CFR Part 60, Subpart J.</p> <p>Subpart KKKK = The affected facility is not a heat recovery steam generator associated with combined cycle gas turbines and that meets applicability requirements of and is subject to 40 CFR Part 60, Subpart KKKK.</p> <p>Technology Type = None.</p> <p>ACF Option - SO₂ = Other ACF or no ACF.</p> <p>Subpart Cb or BBBB = The affected facility is not covered by an EPA approved State or Federal section 111(d)/129 plan implementing 40 CFR Part 60, Subpart Cb or BBBB emission guidelines.</p> <p>Unit Type = OTHER UNIT TYPE</p> <p>ACF Option - PM = Other ACF or no ACF.</p> <p>Heat Release Rate = Natural gas oil with a heat release rate greater than 70 MBtu/hr/ft³.</p> <p>ACF Option - NO_x = Residual oil with a nitrogen content of 0.30 weight percent or less natural gas, distillate oil, or any mixture of these fuels with an ACF greater than 10%.</p>
30-B-03	40 CFR Part 60, Subpart Dc	60Dc	<p>Construction/Modification Date = After June 9, 1989 but on or before February 28, 2005.</p> <p>Maximum Design Heat Input Capacity = Maximum design heat input capacity is greater than 100 MMBtu/hr (29 MW).</p>
30-B-04	40 CFR Part 60, Subpart Db	60Db	<p>60.42b(k)(2) Low Sulfur Exemption = The § 60.42b(k)(2) exemption applies.</p> <p>Alternate Emission Limit (AEL) = The facility combusts byproduct/waste with either natural gas or oil and did not petition the EPA Administrator to establish a NO_x emission limit that applies specifically when the byproduct/waste is combusted.</p> <p>Construction/Modification Date = Constructed or reconstructed after February 28, 2005.</p> <p>D-Series Fuel Type #1 = Gaseous fossil fuel other than natural gas and coal-derived synthetic fuel meeting the definition of natural gas.</p> <p>D-Series Fuel Type #2 = Natural gas.</p> <p>Heat Input Capacity = Heat input capacity is greater than 250 MMBtu/hr (73 MW).</p> <p>PM Monitoring Type = Fuel certification (based on fuel analysis per § 60.49b(r)(2)).</p> <p>Facility Type = The affected facility includes a fuel gas combustion device.</p> <p>Opacity Monitoring Type = Continuous emissions monitoring system for carbon monoxide (CO) installed and operated per 40 CFR § 60.48b(j)(4)</p> <p>Subpart Da = The affected facility does not meet applicability requirements of 40 CFR Part 60, Subpart Da.</p> <p>Changes to Existing Affected Facility = No change has been made to the existing steam generating unit, which was not previously subject to 40 CFR Part 60, Subpart Db, for the sole purpose of combusting gases containing totally reduced sulfur as defined under 40 CFR § 60.281.</p> <p>Monitoring Device = An instrument is in place for continuous monitoring and recording the concentration (dry basis) of hydrogen sulfide in fuel gasses before being burned in any fuel gas combustion device.</p> <p>NO_x Monitoring Type = Continuous emission monitoring system.</p> <p>Common Fuel Source = The fuel gas combustion device has a common fuel source with other fuel gas combustion devices.</p> <p>Electrical or Mechanical Output = 10% or less of the annual output is electrical or mechanical.</p> <p>SO₂ Monitoring Type = No SO₂ monitoring.</p> <p>Subpart Ea, Eb or AAAA = The affected facility does not meet applicability requirements of and is subject to 40 CFR Part 60, Subpart Ea, Eb or AAAA.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
			<p>Subpart J = The affected facility meets applicability requirements of 40 CFR Part 60, Subpart J.</p> <p>Subpart KKKK = The affected facility is not a heat recovery steam generator associated with combined cycle gas turbines and that meets applicability requirements of and is subject to 40 CFR Part 60, Subpart KKKK.</p> <p>Technology Type = None.</p> <p>ACF Option - SO₂ = Other ACF or no ACF.</p> <p>Subpart Cb or BBBB = The affected facility is not covered by an EPA approved State or Federal section 111(d)/129 plan implementing 40 CFR Part 60, Subpart Cb or BBBB emission guidelines.</p> <p>Unit Type = OTHER UNIT TYPE</p> <p>ACF Option - PM = Other ACF or no ACF.</p> <p>Heat Release Rate = Natural gas oil with a heat release rate greater than 70 MBtu/hr/ft³.</p> <p>60.49Da(n) Alternative = The facility is not using the § 60.49Da(n) alternative.</p> <p>ACF Option - NO_x = Residual oil with a nitrogen content of 0.30 weight percent or less natural gas, distillate oil, or any mixture of these fuels with an ACF greater than 10%.</p> <p>Heat Input Gas/Oil = The facility combusts natural gas or distillate oil in excess of 30% of the heat input from the combustion of all fuels.</p> <p>60.49Da(m) Alternative = The facility is not using the § 60.49Da(m) alternative.</p>
30-B-04	40 CFR Part 63, Subpart DDDDD	63DDDDD	Construction/Reconstruction Date = Construction or reconstruction began after June 4, 2010.
46-H-01	40 CFR Part 60, Subpart D	60D	<p>Construction/Modification Date = After September 18, 1978.</p> <p>Covered Under Subpart Da = The steam generating unit is not covered under 40 CFR Part 60, Subpart Da.</p> <p>Changes to Existing Affected Facility = No change has been made to the existing fossil fuel-fired steam generating unit.</p> <p>Heat Input Rate = Heat input rate is less than or equal to 250 MMBtu/hr (73 MW).</p>
46-H-01	40 CFR Part 60, Subpart Db	60Db	<p>Construction/Modification Date = On or after November 25, 1986, and on or before July 9, 1997.</p> <p>Heat Input Capacity = Heat input capacity is less than or equal to 100 MMBtu/hr (29 MW).</p>
46-H-01	40 CFR Part 60, Subpart Dc	60Dc	Construction/Modification Date = On or before June 9, 1989.
GF-1	30 TAC Chapter 111, Visible Emissions	R1111	<p>Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1.</p> <p>Emergency/Upset Conditions Only = Flare is used under conditions other than emergency or upset conditions.</p> <p>Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.</p>
GF-1	40 CFR Part 60, Subpart A	60A	<p>Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18.</p> <p>Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4).</p> <p>Flare Assist Type = Non-assisted</p> <p>Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec).</p> <p>Heating Value of Gas = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).</p>
GF-1	40 CFR Part 63, Subpart A	63A	<p>Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63.</p> <p>Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8).</p>

Unit ID	Regulation	Index Number	Basis of Determination*
			<p>Flare Assist Type = Non-assisted</p> <p>Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec).</p> <p>Heating Value of Gas = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).</p>
MFL-1	30 TAC Chapter 111, Visible Emissions	R1111	<p>Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1.</p> <p>Emergency/Upset Conditions Only = Flare is used under conditions other than emergency or upset conditions.</p> <p>Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.</p>
MFL-1	40 CFR Part 60, Subpart A	60A	<p>Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18.</p> <p>Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4).</p> <p>Flare Assist Type = Steam-assisted</p> <p>Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec).</p> <p>Heating Value of Gas = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).</p>
MFL-1	40 CFR Part 63, Subpart A	63A	<p>Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63.</p> <p>Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8).</p> <p>Flare Assist Type = Steam assisted</p> <p>Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec).</p> <p>Heating Value of Gas = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).</p>
MFL-1B	30 TAC Chapter 111, Visible Emissions	R1111	<p>Acid Gases Only = Flare is used only as an acid gas flare as defined in 30 TAC § 101.1.</p> <p>Emergency/Upset Conditions Only = Flare is used under conditions other than emergency or upset conditions.</p> <p>Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.</p> <p>Construction Date = Newest source routing emissions to the flare began construction after January 31, 1972.</p>
MFL-1B	40 CFR Part 60, Subpart A	60A	<p>Subject to 40 CFR § 60.18 = Flare is not subject to 40 CFR § 60.18.</p>
MFL-1B	40 CFR Part 63, Subpart A	63A	<p>Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63.</p> <p>Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(i).</p> <p>Flare Assist Type = Non-assisted</p> <p>Flare Exit Velocity = Flare exit velocity is less than 60 ft/s (18.3 m/sec)</p>
MTBE FL-2	30 TAC Chapter 111, Visible Emissions	R1111	<p>Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1.</p> <p>Emergency/Upset Conditions Only = Flare is used under conditions other than emergency or upset conditions.</p> <p>Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.</p>
MTBE FL-2	40 CFR Part 60, Subpart A	60A	<p>Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18.</p> <p>Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4).</p> <p>Flare Assist Type = Steam-assisted</p>

Unit ID	Regulation	Index Number	Basis of Determination*
			Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec). Heating Value of Gas = Heating value is greater than 1000 Btu/scf (37.3 MJ/scm)
MTBE FL-2	40 CFR Part 63, Subpart A	63A	Required Under 40 CFR Part 63 = Flare is required by a Subpart under 40 CFR Part 63. Heat Content Specification = Adhering to the heat content specifications in 40 CFR § 63.11(b)(6)(ii) and the maximum tip velocity specifications in 40 CFR § 63.11(b)(7) or 40 CFR § 63.11(b)(8). Flare Assist Type = Steam assisted Flare Exit Velocity = Flare exit velocity is greater than or equal to 60 ft/s (18.3 m/sec) but less than 400 ft/s (122 m/sec). Heating Value of Gas = Heating value is less than or equal to 1000 Btu/scf (37.3 MJ/scm).
SRU	30 TAC Chapter 112, Sulfur Compounds	REG2	Sulfur Recovery Plant = The gas sweetening unit is using sulfur recovery. Stack Height = Effective stack height less than standard effective stack height.
SRU3	30 TAC Chapter 112, Sulfur Compounds	REG2	Sulfur Recovery Plant = The gas sweetening unit is using sulfur recovery. Stack Height = Effective stack height less than standard effective stack height.
11F-HDS	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT 2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS.
11F-HDS	40 CFR Part 60, Subpart GGG	60GGGEX	CONSTRUCTION/MODIFICATION DATE = ON OR BEFORE JANUARY 4, 1983
11F-HDS	40 CFR Part 63, Subpart CC	63CCHALL	ENCLOSED COMBUSTION DEVICES = NO EXISTING SOURCE = YES ANY (CLOSED-VENT SYSTEMS) = YES COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = NO AMEL = NO FLARES = YES RECOVERY OR RECAPTURE DEVICES (CLOSED VENT SYSTEMS) = NO CLOSED VENT SYSTEM, BYPASS LINES = NO CLOSED VENT SYSTEM, UNSAFE TO INSPECT = YES CLOSED VENT SYSTEM, DIFFICULT TO INSPECT = YES
11F-HOC	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT 2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS.
11F-HOC	40 CFR Part 60, Subpart GGG	60GGGALL	SOP Index No. = OWNER/OPERATOR ASSUMES FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS IN VOC SERVICE SUBJECT TO NSPS GGG WITH NO ALTERNATE CONTROL OR CONTROL DEVICE CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = YES CONSTRUCTION/MODIFICATION DATE = AFTER JANUARY 4, 1983

Unit ID	Regulation	Index Number	Basis of Determination*
			FLARE = YES AFFECTED FACILITY COVERED BY 40 CFR 60 SUBPARTS VV OR KKK = NO EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED COMPLYING WITH § 60.482-10 = YES
11F-HOC	40 CFR Part 63, Subpart CC	63CCVALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC/VHAP FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO MACT CC AND COMPLYING WITH NSPS VV REQUIREMENTS WITH NO ALTERNATE CONTROL OR CONTROL DEVICES EXISTING SOURCE = YES COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = YES
30Bo1F	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT 2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS.
30Bo2F	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT 2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS.
30Bo3F	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT 2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS.
30Bo4F	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT 2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS.
41F	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT 2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS.
41F	40 CFR Part 60, Subpart GGG	60GGGEX	CONSTRUCTION/MODIFICATION DATE = ON OR BEFORE JANUARY 4, 1983
46F/24F	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT 2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS.
46F/24F	40 CFR Part 60, Subpart GGG	60GGGALL	SOP Index No. = OWNER/OPERATOR ASSUMES FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS IN VOC SERVICE SUBJECT TO NSPS GGG WITH NO ALTERNATE CONTROL OR CONTROL DEVICE CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = YES

Unit ID	Regulation	Index Number	Basis of Determination*
			CONSTRUCTION/MODIFICATION DATE = AFTER JANUARY 4, 1983 FLARE = YES AFFECTED FACILITY COVERED BY 40 CFR 60 SUBPARTS VV OR KKK = NO EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED COMPLYING WITH § 60.482-10 = YES
47PSA	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT 2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS.
47PSA	40 CFR Part 60, Subpart GGG	60GGGALL	SOP Index No. = OWNER/OPERATOR ASSUMES FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS IN VOC SERVICE SUBJECT TO NSPS GGG WITH NO ALTERNATE CONTROL OR CONTROL DEVICE CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = YES CONSTRUCTION/MODIFICATION DATE = AFTER JANUARY 4, 1983 FLARE = YES AFFECTED FACILITY COVERED BY 40 CFR 60 SUBPARTS VV OR KKK = NO EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED COMPLYING WITH § 60.482-10 = YES
49-RSU	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT 2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS.
49-RSU	40 CFR Part 60, Subpart GGG	60GGGALL	SOP Index No. = OWNER/OPERATOR ASSUMES FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS IN VOC SERVICE SUBJECT TO NSPS GGG WITH NO ALTERNATE CONTROL OR CONTROL DEVICE CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = YES CONSTRUCTION/MODIFICATION DATE = AFTER JANUARY 4, 1983 FLARE = YES AFFECTED FACILITY COVERED BY 40 CFR 60 SUBPARTS VV OR KKK = NO EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED COMPLYING WITH § 60.482-10 = YES
49-RSU	40 CFR Part 63, Subpart CC	63CCVALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC/VHAP FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO MACT CC AND COMPLYING WITH NSPS VV REQUIREMENTS WITH NO ALTERNATE CONTROL OR CONTROL DEVICES EXISTING SOURCE = YES COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = YES
49-XFU	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT 2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS.

Unit ID	Regulation	Index Number	Basis of Determination*
49-XFU	40 CFR Part 60, Subpart GGG	60GGGALL	SOP Index No. = OWNER/OPERATOR ASSUMES FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS IN VOC SERVICE SUBJECT TO NSPS GGG WITH NO ALTERNATE CONTROL OR CONTROL DEVICE CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = YES CONSTRUCTION/MODIFICATION DATE = AFTER JANUARY 4, 1983 FLARE = YES AFFECTED FACILITY COVERED BY 40 CFR 60 SUBPARTS VV OR KKK = NO EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED COMPLYING WITH § 60.482-10 = YES
49-XFU	40 CFR Part 63, Subpart CC	63CCVALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC/VHAP FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO MACT CC AND COMPLYING WITH NSPS VV REQUIREMENTS WITH NO ALTERNATE CONTROL OR CONTROL DEVICES EXISTING SOURCE = YES COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = YES
4F	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT 2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS.
4F	40 CFR Part 60, Subpart GGG	60GGGALL	SOP Index No. = OWNER/OPERATOR ASSUMES FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS IN VOC SERVICE SUBJECT TO NSPS GGG WITH NO ALTERNATE CONTROL OR CONTROL DEVICE CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = YES CONSTRUCTION/MODIFICATION DATE = AFTER JANUARY 4, 1983 FLARE = YES AFFECTED FACILITY COVERED BY 40 CFR 60 SUBPARTS VV OR KKK = NO EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED COMPLYING WITH § 60.482-10 = YES
4F	40 CFR Part 63, Subpart CC	63CCVALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC/VHAP FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO MACT CC AND COMPLYING WITH NSPS VV REQUIREMENTS WITH NO ALTERNATE CONTROL OR CONTROL DEVICES EXISTING SOURCE = YES COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = YES
54F-MTBE	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT 2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS.
54F-MTBE	40 CFR Part 60, Subpart GGG	60GGGALL	SOP Index No. = OWNER/OPERATOR ASSUMES FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS IN VOC SERVICE SUBJECT TO NSPS GGG WITH NO ALTERNATE CONTROL OR CONTROL DEVICE CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = YES CONSTRUCTION/MODIFICATION DATE = AFTER JANUARY 4, 1983 FLARE = YES

Unit ID	Regulation	Index Number	Basis of Determination*
			AFFECTED FACILITY COVERED BY 40 CFR 60 SUBPARTS VV OR KKK = NO EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED COMPLYING WITH § 60.482-10 = YES
54F-MTBE	40 CFR Part 63, Subpart CC	63CCH-ALL	ENCLOSED COMBUSTION DEVICES = NO EXISTING SOURCE = YES ANY (CLOSED-VENT SYSTEMS) = YES COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = NO FLARES = YES RECOVERY OR RECAPTURE DEVICES (CLOSED VENT SYSTEMS) = NO CLOSED VENT SYSTEM, BYPASS LINES = NO
54F-TAME	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT 2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS.
54F-TAME	40 CFR Part 60, Subpart GGG	60GGGALL	SOP Index No. = OWNER/OPERATOR ASSUMES FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS IN VOC SERVICE SUBJECT TO NSPS GGG WITH NO ALTERNATE CONTROL OR CONTROL DEVICE CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = YES CONSTRUCTION/MODIFICATION DATE = AFTER JANUARY 4, 1983 FLARE = YES AFFECTED FACILITY COVERED BY 40 CFR 60 SUBPARTS VV OR KKK = NO EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED COMPLYING WITH § 60.482-10 = YES
54F-TAME	40 CFR Part 63, Subpart CC	63CCVALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC/VHAP FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO MACT CC AND COMPLYING WITH NSPS VV REQUIREMENTS WITH NO ALTERNATE CONTROL OR CONTROL DEVICES EXISTING SOURCE = YES COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = YES
ALKY-FUG	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT 2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS.
ALKY-FUG	40 CFR Part 60, Subpart GGG	60GGGEX	CONSTRUCTION/MODIFICATION DATE = ON OR BEFORE JANUARY 4, 1983
ALKY-FUG	40 CFR Part 63, Subpart CC	63CCHALL	ENCLOSED COMBUSTION DEVICES = NO EXISTING SOURCE = YES ANY (CLOSED-VENT SYSTEMS) = YES COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = NO AMEL = NO

Unit ID	Regulation	Index Number	Basis of Determination*
			<p>FLARES = YES</p> <p>RECOVERY OR RECAPTURE DEVICES (CLOSED VENT SYSTEMS) = NO</p> <p>CLOSED VENT SYSTEM, BYPASS LINES = NO</p> <p>CLOSED VENT SYSTEM, UNSAFE TO INSPECT = YES</p> <p>CLOSED VENT SYSTEM, DIFFICULT TO INSPECT = YES</p>
AMINE-FUG	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322ALL	<p>SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE</p> <p>VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT</p> <p>2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS.</p>
AMINE-FUG	40 CFR Part 60, Subpart GGG	60GGGEX	<p>CONSTRUCTION/MODIFICATION DATE = ON OR BEFORE JANUARY 4, 1983</p>
ATU3FUG	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322ALL	<p>SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE</p> <p>VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT</p> <p>2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS.</p>
ATU3FUG	40 CFR Part 60, Subpart GGG	60GGGALL	<p>SOP Index No. = OWNER/OPERATOR ASSUMES FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS IN VOC SERVICE SUBJECT TO NSPS GGG WITH NO ALTERNATE CONTROL OR CONTROL DEVICE</p> <p>CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = YES</p> <p>CONSTRUCTION/MODIFICATION DATE = AFTER JANUARY 4, 1983</p> <p>FLARE = YES</p> <p>AFFECTED FACILITY COVERED BY 40 CFR 60 SUBPARTS VV OR KKK = NO</p> <p>EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED</p> <p>COMPLYING WITH § 60.482-10 = YES</p>
BUTAMER	40 CFR Part 60, Subpart GGG	60GGGALL	<p>SOP Index No. = OWNER/OPERATOR ASSUMES FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS IN VOC SERVICE SUBJECT TO NSPS GGG WITH NO ALTERNATE CONTROL OR CONTROL DEVICE</p> <p>CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = YES</p> <p>CONSTRUCTION/MODIFICATION DATE = AFTER JANUARY 4, 1983</p> <p>FLARE = YES</p> <p>AFFECTED FACILITY COVERED BY 40 CFR 60 SUBPARTS VV OR KKK = NO</p> <p>EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED</p> <p>COMPLYING WITH § 60.482-10 = YES</p>
CD-PIPING	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322ALL	<p>SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE</p>
CD-PIPING	40 CFR Part 63, Subpart CC	63CCVALL	<p>SOP Index No. = OWNER/OPERATOR ASSUMES VOC/VHAP FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO MACT CC AND COMPLYING WITH NSPS VV REQUIREMENTS WITH NO ALTERNATE CONTROL OR CONTROL DEVICES</p>
CRUDE UNIT	30 TAC Chapter 115, Fugitives Pet	R5322ALL	<p>SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE</p>

Unit ID	Regulation	Index Number	Basis of Determination*
	Ref B Counties		VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT 2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS.
CRUDE UNIT	40 CFR Part 60, Subpart GGG	60GGGALL	SOP Index No. = OWNER/OPERATOR ASSUMES FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS IN VOC SERVICE SUBJECT TO NSPS GGG WITH NO ALTERNATE CONTROL OR CONTROL DEVICE CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = YES CONSTRUCTION/MODIFICATION DATE = AFTER JANUARY 4, 1983 FLARE = YES AFFECTED FACILITY COVERED BY 40 CFR 60 SUBPARTS VV OR KKK = NO EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED COMPLYING WITH § 60.482-10 = YES
CRUDE UNIT	40 CFR Part 63, Subpart CC	63CCVALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC/VHAP FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO MACT CC AND COMPLYING WITH NSPS VV REQUIREMENTS WITH NO ALTERNATE CONTROL OR CONTROL DEVICES EXISTING SOURCE = YES COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = YES
CRU-FUG	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT 2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS.
CRU-FUG	40 CFR Part 60, Subpart GGG	60GGGALL	SOP Index No. = OWNER/OPERATOR ASSUMES FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS IN VOC SERVICE SUBJECT TO NSPS GGG WITH NO ALTERNATE CONTROL OR CONTROL DEVICE CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = YES CONSTRUCTION/MODIFICATION DATE = AFTER JANUARY 4, 1983 FLARE = YES AFFECTED FACILITY COVERED BY 40 CFR 60 SUBPARTS VV OR KKK = NO EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED COMPLYING WITH § 60.482-10 = YES
CRU-FUG	40 CFR Part 63, Subpart CC	63CCVALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC/VHAP FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO MACT CC AND COMPLYING WITH NSPS VV REQUIREMENTS WITH NO ALTERNATE CONTROL OR CONTROL DEVICES EXISTING SOURCE = YES COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = YES
DOCKS-F	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT 2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS.
DOCKS-F	40 CFR Part 63, Subpart CC	63CCHALL	ENCLOSED COMBUSTION DEVICES = NO EXISTING SOURCE = YES ANY (CLOSED-VENT SYSTEMS) = YES

Unit ID	Regulation	Index Number	Basis of Determination*
			<p>COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = NO</p> <p>AMEL = NO</p> <p>FLARES = YES</p> <p>RECOVERY OR RECAPTURE DEVICES (CLOSED VENT SYSTEMS) = NO</p> <p>CLOSED VENT SYSTEM, BYPASS LINES = NO</p> <p>CLOSED VENT SYSTEM, UNSAFE TO INSPECT = YES</p> <p>CLOSED VENT SYSTEM, DIFFICULT TO INSPECT = YES</p>
FUELDRM	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322ALL	<p>SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE</p> <p>VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT</p> <p>2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS.</p>
GAS BLEND	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322ALL	<p>SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE</p> <p>VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT</p> <p>2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS.</p>
GAS BLEND	40 CFR Part 63, Subpart CC	63CCHALL	<p>ENCLOSED COMBUSTION DEVICES = NO</p> <p>EXISTING SOURCE = YES</p> <p>ANY (CLOSED-VENT SYSTEMS) = YES</p> <p>COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = NO</p> <p>AMEL = NO</p> <p>FLARES = YES</p> <p>RECOVERY OR RECAPTURE DEVICES (CLOSED VENT SYSTEMS) = NO</p> <p>CLOSED VENT SYSTEM, BYPASS LINES = NO</p> <p>CLOSED VENT SYSTEM, UNSAFE TO INSPECT = YES</p> <p>CLOSED VENT SYSTEM, DIFFICULT TO INSPECT = YES</p>
GDFUG	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322ALL	<p>SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE</p> <p>VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT</p> <p>2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS.</p>
GDFUG	40 CFR Part 60, Subpart GGG	60GGGALL	<p>SOP Index No. = OWNER/OPERATOR ASSUMES FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS IN VOC SERVICE SUBJECT TO NSPS GGG WITH NO ALTERNATE CONTROL OR CONTROL DEVICE</p> <p>CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = YES</p> <p>CONSTRUCTION/MODIFICATION DATE = AFTER JANUARY 4, 1983</p> <p>FLARE = YES</p> <p>AFFECTED FACILITY COVERED BY 40 CFR 60 SUBPARTS VV OR KKK = NO</p> <p>EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED</p> <p>COMPLYING WITH § 60.482-10 = YES</p>

Unit ID	Regulation	Index Number	Basis of Determination*
GDFUG	40 CFR Part 63, Subpart CC	63CCHALL	ENCLOSED COMBUSTION DEVICES = NO EXISTING SOURCE = YES ANY (CLOSED-VENT SYSTEMS) = YES COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = NO AMEL = NO FLARES = YES RECOVERY OR RECAPTURE DEVICES (CLOSED VENT SYSTEMS) = NO CLOSED VENT SYSTEM, BYPASS LINES = NO CLOSED VENT SYSTEM, UNSAFE TO INSPECT = YES CLOSED VENT SYSTEM, DIFFICULT TO INSPECT = YES
HCU-FUG	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT 2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS.
HCU-FUG	40 CFR Part 60, Subpart GGG	60GGGALL	SOP Index No. = OWNER/OPERATOR ASSUMES FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS IN VOC SERVICE SUBJECT TO NSPS GGG WITH NO ALTERNATE CONTROL OR CONTROL DEVICE CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = YES CONSTRUCTION/MODIFICATION DATE = AFTER JANUARY 4, 1983 FLARE = YES AFFECTED FACILITY COVERED BY 40 CFR 60 SUBPARTS VV OR KKK = NO EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED COMPLYING WITH § 60.482-10 = YES
HCU-FUG	40 CFR Part 63, Subpart CC	63CCVALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC/VHAP FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO MACT CC AND COMPLYING WITH NSPS VV REQUIREMENTS WITH NO ALTERNATE CONTROL OR CONTROL DEVICES EXISTING SOURCE = YES COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = YES
HDS FUG	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT 2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS.
HDS FUG	40 CFR Part 60, Subpart GGG	60GGGEX	CONSTRUCTION/MODIFICATION DATE = ON OR BEFORE JANUARY 4, 1983
HDS FUG	40 CFR Part 63, Subpart CC	63CCHALL	ENCLOSED COMBUSTION DEVICES = NO EXISTING SOURCE = YES ANY (CLOSED-VENT SYSTEMS) = YES COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = NO AMEL = NO

Unit ID	Regulation	Index Number	Basis of Determination*
			<p>FLARES = YES</p> <p>RECOVERY OR RECAPTURE DEVICES (CLOSED VENT SYSTEMS) = NO</p> <p>CLOSED VENT SYSTEM, BYPASS LINES = NO</p> <p>CLOSED VENT SYSTEM, UNSAFE TO INSPECT = YES</p> <p>CLOSED VENT SYSTEM, DIFFICULT TO INSPECT = YES</p>
HOC-FUG	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322ALL	<p>SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE</p> <p>VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT</p> <p>2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS.</p>
HOC-FUG	40 CFR Part 60, Subpart GGG	60GGGALL	<p>SOP Index No. = OWNER/OPERATOR ASSUMES FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS IN VOC SERVICE SUBJECT TO NSPS GGG WITH NO ALTERNATE CONTROL OR CONTROL DEVICE</p> <p>CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = YES</p> <p>CONSTRUCTION/MODIFICATION DATE = AFTER JANUARY 4, 1983</p> <p>FLARE = YES</p> <p>AFFECTED FACILITY COVERED BY 40 CFR 60 SUBPARTS VV OR KKK = NO</p> <p>EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED</p> <p>COMPLYING WITH § 60.482-10 = YES</p>
HOC-FUG	40 CFR Part 63, Subpart CC	63CCVALL	<p>SOP Index No. = OWNER/OPERATOR ASSUMES VOC/VHAP FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO MACT CC AND COMPLYING WITH NSPS VV REQUIREMENTS WITH NO ALTERNATE CONTROL OR CONTROL DEVICES</p> <p>EXISTING SOURCE = YES</p> <p>COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = YES</p>
HRLEU-FUG	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322ALL	<p>SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE</p> <p>VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT</p> <p>2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS.</p>
HRLEU-FUG	40 CFR Part 60, Subpart GGG	60GGGALL	<p>SOP Index No. = OWNER/OPERATOR ASSUMES FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS IN VOC SERVICE SUBJECT TO NSPS GGG WITH NO ALTERNATE CONTROL OR CONTROL DEVICE</p> <p>CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = YES</p> <p>CONSTRUCTION/MODIFICATION DATE = AFTER JANUARY 4, 1983</p> <p>FLARE = YES</p> <p>AFFECTED FACILITY COVERED BY 40 CFR 60 SUBPARTS VV OR KKK = NO</p> <p>EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED</p> <p>COMPLYING WITH § 60.482-10 = YES</p>
HRLEU-FUG	40 CFR Part 63, Subpart CC	63CCVALL	<p>SOP Index No. = OWNER/OPERATOR ASSUMES VOC/VHAP FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO MACT CC AND COMPLYING WITH NSPS VV REQUIREMENTS WITH NO ALTERNATE CONTROL OR CONTROL DEVICES</p> <p>EXISTING SOURCE = YES</p> <p>COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = YES</p>

Unit ID	Regulation	Index Number	Basis of Determination*
LPG STORAG	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT 2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS.
LRU	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT 2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS.
LRU	40 CFR Part 60, Subpart GGG	60GGGALL	SOP Index No. = OWNER/OPERATOR ASSUMES FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS IN VOC SERVICE SUBJECT TO NSPS GGG WITH NO ALTERNATE CONTROL OR CONTROL DEVICE CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = YES CONSTRUCTION/MODIFICATION DATE = AFTER JANUARY 4, 1983 FLARE = YES AFFECTED FACILITY COVERED BY 40 CFR 60 SUBPARTS VV OR KKK = NO EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED COMPLYING WITH § 60.482-10 = YES
LRU	40 CFR Part 63, Subpart CC	63CCVVALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC/VHAP FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO MACT CC AND COMPLYING WITH NSPS VV REQUIREMENTS WITH NO ALTERNATE CONTROL OR CONTROL DEVICES EXISTING SOURCE = YES COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = YES
MTBE-FUG	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT 2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS.
MTBE-FUG	40 CFR Part 60, Subpart GGG	60GGGALL	SOP Index No. = OWNER/OPERATOR ASSUMES FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS IN VOC SERVICE SUBJECT TO NSPS GGG WITH NO ALTERNATE CONTROL OR CONTROL DEVICE CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = YES CONSTRUCTION/MODIFICATION DATE = AFTER JANUARY 4, 1983 FLARE = YES AFFECTED FACILITY COVERED BY 40 CFR 60 SUBPARTS VV OR KKK = NO EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED COMPLYING WITH § 60.482-10 = YES
MVRUF	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT 2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS.
MVRUF	40 CFR Part 63,	63CCVVALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC/VHAP FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT

Unit ID	Regulation	Index Number	Basis of Determination*
	Subpart CC		TO MACT CC AND COMPLYING WITH NSPS VV REQUIREMENTS WITH NO ALTERNATE CONTROL OR CONTROL DEVICES EXISTING SOURCE = YES COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = YES
NHT-FUG	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT 2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS.
NHT-FUG	40 CFR Part 60, Subpart GGG	60GGGALL	SOP Index No. = OWNER/OPERATOR ASSUMES FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS IN VOC SERVICE SUBJECT TO NSPS GGG WITH NO ALTERNATE CONTROL OR CONTROL DEVICE CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = YES CONSTRUCTION/MODIFICATION DATE = AFTER JANUARY 4, 1983 FLARE = YES AFFECTED FACILITY COVERED BY 40 CFR 60 SUBPARTS VV OR KKK = NO EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED COMPLYING WITH § 60.482-10 = YES
NHT-FUG	40 CFR Part 63, Subpart CC	63CCVALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC/VHAP FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO MACT CC AND COMPLYING WITH NSPS VV REQUIREMENTS WITH NO ALTERNATE CONTROL OR CONTROL DEVICES EXISTING SOURCE = YES COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = YES
OLEFLEX-FU	40 CFR Part 60, Subpart GGG	60GGGEXVV	CONSTRUCTION/MODIFICATION DATE = AFTER JANUARY 4, 1983 AFFECTED FACILITY COVERED BY 40 CFR 60 SUBPARTS VV OR KKK = YES
OLEFLEX-FU	40 CFR Part 60, Subpart VV	60VVALL	SOP Index No. = Owner or operator assumes fugitive unit control requirements for all components in VOC service subject to 40 CFR Part 60, Subpart VV with no alternate control or control devices. Closed Vent (or Vapor Collection) Systems = The fugitive unit contains closed vent or vapor collection systems. Flare = The fugitive unit contains flares. Produces Chemicals = The fugitive unit is part of a facility that produces as an intermediate or final product one or more of the chemicals listed in 40 CFR § 60.489. Affected Facility = The fugitive unit is part of a facility that is an affected facility as defined in 40 CFR § 60.480(a)(2). Equivalent Emission Limitation = No equivalent emission limitation is used for flares. Complying with 40 CFR § 60.482-10 = Flares are complying with § 60.482-10. Design Capacity = Site with a design capacity is greater than or equal to 1,000 Mg/yr. Produces Heavy Liquid Chemicals = The facility produces chemicals other than or in addition to heavy liquid chemicals only from heavy liquid feed or raw materials. Beverage Alcohol Production = The facility does not produce only beverage alcohol. Equipment in VOC Service = The facility contains equipment designed to operate in VOC service.
PIPING FUG	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT

Unit ID	Regulation	Index Number	Basis of Determination*
			2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS.
PIPING FUG	40 CFR Part 63, Subpart CC	63CCHALL	ENCLOSED COMBUSTION DEVICES = NO EXISTING SOURCE = YES ANY (CLOSED-VENT SYSTEMS) = YES COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = NO AMEL = NO FLARES = YES RECOVERY OR RECAPTURE DEVICES (CLOSED VENT SYSTEMS) = NO CLOSED VENT SYSTEM, BYPASS LINES = NO CLOSED VENT SYSTEM, UNSAFE TO INSPECT = YES CLOSED VENT SYSTEM, DIFFICULT TO INSPECT = YES
RAIL-FUG	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT 2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS.
RAIL-FUG	40 CFR Part 63, Subpart CC	63CCALL	SOP Index No. = OWNER/OPERATOR ASSUMES STANDARD FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS IN VOC/VHAP SERVICE SUBJECT TO MACT CC EXISTING SOURCE = YES COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = NO
SCOTFUG	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT 2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS.
SCOTFUG	40 CFR Part 60, Subpart GGG	60GGGALL	SOP Index No. = OWNER/OPERATOR ASSUMES FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS IN VOC SERVICE SUBJECT TO NSPS GGG WITH NO ALTERNATE CONTROL OR CONTROL DEVICE CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = YES CONSTRUCTION/MODIFICATION DATE = AFTER JANUARY 4, 1983 FLARE = YES AFFECTED FACILITY COVERED BY 40 CFR 60 SUBPARTS VV OR KKK = NO EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED COMPLYING WITH § 60.482-10 = YES
SMR-FUG	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT 2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS.
SMR-FUG	40 CFR Part 60, Subpart GGG	60GGGEX	CONSTRUCTION/MODIFICATION DATE = ON OR BEFORE JANUARY 4, 1983

Unit ID	Regulation	Index Number	Basis of Determination*
SRU3FUG	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT 2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS.
SRU3FUG	40 CFR Part 60, Subpart GGG	60GGGALL	SOP Index No. = OWNER/OPERATOR ASSUMES FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS IN VOC SERVICE SUBJECT TO NSPS GGG WITH NO ALTERNATE CONTROL OR CONTROL DEVICE CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = YES CONSTRUCTION/MODIFICATION DATE = AFTER JANUARY 4, 1983 FLARE = YES AFFECTED FACILITY COVERED BY 40 CFR 60 SUBPARTS VV OR KKK = NO EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED COMPLYING WITH § 60.482-10 = YES
SWS-FUG	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT 2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS.
SWS-FUG	40 CFR Part 60, Subpart GGG	60GGGEX	CONSTRUCTION/MODIFICATION DATE = ON OR BEFORE JANUARY 4, 1983
TERMIN 2/2A	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT 2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS.
TERMIN 2/2A	40 CFR Part 63, Subpart CC	63CCHALL	ENCLOSED COMBUSTION DEVICES = NO EXISTING SOURCE = YES ANY (CLOSED-VENT SYSTEMS) = YES COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = NO AMEL = NO FLARES = YES RECOVERY OR RECAPTURE DEVICES (CLOSED VENT SYSTEMS) = NO CLOSED VENT SYSTEM, BYPASS LINES = NO CLOSED VENT SYSTEM, UNSAFE TO INSPECT = YES CLOSED VENT SYSTEM, DIFFICULT TO INSPECT = YES
TERMINAL 1	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322ALL	SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT 2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS.
TERMINAL 1	40 CFR Part 63,	63CCHALL	ENCLOSED COMBUSTION DEVICES = NO

Unit ID	Regulation	Index Number	Basis of Determination*
	Subpart CC		<p>EXISTING SOURCE = YES</p> <p>ANY (CLOSED-VENT SYSTEMS) = YES</p> <p>COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = NO</p> <p>AMEL = NO</p> <p>FLARES = YES</p> <p>RECOVERY OR RECAPTURE DEVICES (CLOSED VENT SYSTEMS) = NO</p> <p>CLOSED VENT SYSTEM, BYPASS LINES = NO</p> <p>CLOSED VENT SYSTEM, UNSAFE TO INSPECT = YES</p> <p>CLOSED VENT SYSTEM, DIFFICULT TO INSPECT = YES</p>
TERMINAL 3	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322ALL	<p>SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE</p> <p>VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT</p> <p>2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS.</p>
TERMINAL 3	40 CFR Part 63, Subpart CC	63CCHALL	<p>ENCLOSED COMBUSTION DEVICES = NO</p> <p>EXISTING SOURCE = YES</p> <p>ANY (CLOSED-VENT SYSTEMS) = YES</p> <p>COMPLYING WITH TITLE 40 CFR 60 SUBPART VV = NO</p> <p>AMEL = NO</p> <p>FLARES = YES</p> <p>RECOVERY OR RECAPTURE DEVICES (CLOSED VENT SYSTEMS) = NO</p> <p>CLOSED VENT SYSTEM, BYPASS LINES = NO</p> <p>CLOSED VENT SYSTEM, UNSAFE TO INSPECT = YES</p> <p>CLOSED VENT SYSTEM, DIFFICULT TO INSPECT = YES</p>
VACUUMUNIT	30 TAC Chapter 115, Fugitives Pet Ref B Counties	R5322ALL	<p>SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE</p> <p>VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT</p> <p>2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS.</p>
VACUUMUNIT	40 CFR Part 60, Subpart GGG	60GGGALL	<p>SOP Index No. = OWNER/OPERATOR ASSUMES FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS IN VOC SERVICE SUBJECT TO NSPS GGG WITH NO ALTERNATE CONTROL OR CONTROL DEVICE</p> <p>CLOSED VENT (OR VAPOR COLLECTION) SYSTEMS = YES</p> <p>CONSTRUCTION/MODIFICATION DATE = AFTER JANUARY 4, 1983</p> <p>FLARE = YES</p> <p>AFFECTED FACILITY COVERED BY 40 CFR 60 SUBPARTS VV OR KKK = NO</p> <p>EEL = NO EQUIVALENT MEANS OF EMISSION LIMITATION APPROVED</p> <p>COMPLYING WITH § 60.482-10 = YES</p>
WWTP-FUG	30 TAC Chapter 115, Fugitives Pet	R5322ALL	<p>SOP Index No. = OWNER/OPERATOR ASSUMES VOC FUGITIVE CONTROL REQUIREMENTS FOR ALL COMPONENTS SUBJECT TO CHAPTER 115 SUBCHAPTER D DIVISION 2 WITH NO ALTERNATE CONTROL OR CONTROL DEVICE</p>

Unit ID	Regulation	Index Number	Basis of Determination*
	Ref B Counties		VOC WEIGHT PERCENT = COMPONENTS CONTACT A PROCESS FLUID THAT CONTAINS AT LEAST 10% VOC BY WEIGHT 2 INCH VALVES = SOME VALVES HAVE A NOMINAL SIZE OF 2 INCHES OR LESS.
GRP-CT	40 CFR Part 63, Subpart Q	63Q	Used Compounds Containing Chromium on or After September 8, 1994 = The industrial process cooling tower has not used compounds containing chromium on or after September 8, 1994.
APISEP	30 TAC Chapter 115, Water Separation	R5131	Alternate Control Requirement = The executive director (or the EPA Administrator) has not approved an ACR or exemption criteria in accordance with 30 TAC § 115.910. Exemption = Water separator does not qualify for exemption. Emission Control Option = Vapor recovery system which satisfies the provisions of 30 TAC § 115.131. Control Device = Direct flame incinerator.
APISEP	40 CFR Part 60, Subpart QQQ	60QQQ	Construction/Modification Date = AFTER MAY 4, 1987 Control Device = Thermal incinerator. Alternate Means of Emission Limitation = NO Alternative Monitoring = NO Alternative Standard = NO Capacity < 38 L/s = NO Capacity = DESIGN CAPACITY TO TREAT IS GREATER THAN 16 LITERS/SECOND (250 GAL/MIN) OF REFINERY WASTEWATER.
APISEP	40 CFR Part 61, Subpart FF	60FF-a	Alternate Means of Compliance = NO By-Pass Line = THE CLOSED VENT SYSTEM HAS NO BY-PASS LINE Alternative Standards for Oil-Water Separator = NO Control Device Type/Operation = THERMAL VAPOR INCINERATOR PROVIDING MIN. RESIDENCE TIME OF 0.5 SEC @ 760° C Fuel Gas System = EMISSIONS ARE ROUTED TO A CONTROL DEVICE Cover and Closed Vent = CLOSED VENT SYSTEM IS OPERATED SUCH THAT THE OIL-WATER SEPARATOR IS MAINTAINED AT NON-NEGATIVE PRESSURE (GREATER THAN ATMOSPHERIC) Close Vent System and Control Device AMOC = COMPLYING WITH THE REQUIREMENTS OF § 61.349
APISEP	40 CFR Part 63, Subpart VV	63VV	Control = No subpart of 40 CFR Parts 60, 61, or 63 references the use of 40 CFR Part 63, Subpart VV for control of emissions from the separator.
02-V-12	30 TAC Chapter 115, Vent Gas Controls	R5121	Alternate Control Requirement = Alternate control is not used. Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source. Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2. Control Device Type = Smokeless flare Vent Type = Vent gas stream emissions of the specified classes of VOCs including aldehydes, alcohols, aromatics, ethers, olefins, peroxides, amines, acids, esters, ketones, sulfides, and branched chain hydrocarbons (C and above).
02-V-12	40 CFR Part 63, Subpart CC	63CC	Specified in 40 CFR § 63.640(g)(1)-(6) = The miscellaneous process vent is not part of a process specified in 40 CFR § 63.640(g)(1) - (6). Divert Vent Stream = The miscellaneous process vent utilizes a vent system that contains no by-pass lines. Subject to 40 CFR Part 63, Subparts F, G, H or I = The miscellaneous process vent is subject to 40 CFR Part 63, Subpart CC.

Unit ID	Regulation	Index Number	Basis of Determination*
			<p>Group 1 = The miscellaneous process vent is a Group 1 vent.</p> <p>Engineering Assessment = Engineering assessment is used to determine the total organic compound emission rate for the representative operating condition expected to yield the highest daily emission rate.</p> <p>Continuous Operating Parameter Provisions = The owner or operator does not use an alternative to the continuous operating parameter monitoring and recordkeeping provisions of 40 CFR § 63.654(i).</p> <p>Control Device = Flare</p>
38-V-54	30 TAC Chapter 115, Vent Gas Controls	R5121	<p>Alternate Control Requirement = Alternate control is not used.</p> <p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.</p> <p>Vent Type = Vent gas stream emissions of the specified classes of VOCs including aldehydes, alcohols, aromatics, ethers, olefins, peroxides, amines, acids, esters, ketones, sulfides, and branched chain hydrocarbons (C and above).</p>
38-V-54	40 CFR Part 63, Subpart CC	63CC	<p>Specified in 40 CFR § 63.640(g)(1)-(6) = The miscellaneous process vent is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).</p> <p>Divert Vent Stream = The miscellaneous process vent utilizes a vent system that contains no by-pass lines.</p> <p>Subject to 40 CFR Part 63, Subparts F, G, H or I = The miscellaneous process vent is subject to 40 CFR Part 63, Subpart CC.</p> <p>Group 1 = The miscellaneous process vent is a Group 1 vent.</p> <p>Engineering Assessment = Engineering assessment is used to determine the total organic compound emission rate for the representative operating condition expected to yield the highest daily emission rate.</p> <p>Continuous Operating Parameter Provisions = The owner or operator does not use an alternative to the continuous operating parameter monitoring and recordkeeping provisions of 40 CFR § 63.654(i).</p> <p>Control Device = Boiler or process heater with a design heat input capacity of greater or equal to than 44 MW or a boiler or process heater in which all vent streams are introduced into the flame zone.</p>
38-V-55	30 TAC Chapter 115, Vent Gas Controls	R5121	<p>Alternate Control Requirement = Alternate control is not used.</p> <p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.</p> <p>Vent Type = Vent gas stream emissions of the specified classes of VOCs including aldehydes, alcohols, aromatics, ethers, olefins, peroxides, amines, acids, esters, ketones, sulfides, and branched chain hydrocarbons (C and above).</p>
38-V-55	40 CFR Part 63, Subpart CC	63CC	<p>Specified in 40 CFR § 63.640(g)(1)-(6) = The miscellaneous process vent is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).</p> <p>Divert Vent Stream = The miscellaneous process vent utilizes a vent system that contains no by-pass lines.</p> <p>Subject to 40 CFR Part 63, Subparts F, G, H or I = The miscellaneous process vent is subject to 40 CFR Part 63, Subpart CC.</p> <p>Group 1 = The miscellaneous process vent is a Group 1 vent.</p> <p>Engineering Assessment = Engineering assessment is used to determine the total organic compound emission rate for the representative operating condition expected to yield the highest daily emission rate.</p> <p>Continuous Operating Parameter Provisions = The owner or operator does not use an alternative to the continuous operating parameter</p>

Unit ID	Regulation	Index Number	Basis of Determination*
			<p>monitoring and recordkeeping provisions of 40 CFR § 63.654(i).</p> <p>Control Device = Boiler or process heater with a design heat input capacity of greater or equal to than 44 MW or a boiler or process heater in which all vent streams are introduced into the flame zone.</p>
44-V-01	30 TAC Chapter 115, Vent Gas Controls	R5121	<p>Alternate Control Requirement = Alternate control is not used.</p> <p>Control Device Type = Smokeless flare</p> <p>Vent Type = Vent gas stream emissions of the specified classes of VOCs including aldehydes, alcohols, aromatics, ethers, olefins, peroxides, amines, acids, esters, ketones, sulfides, and branched chain hydrocarbons (C and above).</p>
44-V-01	40 CFR Part 63, Subpart CC	63CCa	<p>Specified in 40 CFR § 63.640(g)(1)-(6) = The miscellaneous process vent is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).</p> <p>Divert Vent Stream = The miscellaneous process vent utilizes a vent system that contains no by-pass lines.</p> <p>Subject to 40 CFR Part 63, Subparts F, G, H or I = The miscellaneous process vent is subject to 40 CFR Part 63, Subpart CC.</p> <p>Group 1 = The miscellaneous process vent is a Group 1 vent.</p> <p>Automated Data Compression Recording System = OWNER/OPERATOR DOES NOT USE AN AUTOMATED DATA COMPRESSION SYSTEM THAT RECORDS ALL VALUES THAT MEET SET CRITERIA FOR VARIATION FROM PREVIOUSLY RECORDED VALUES.</p> <p>Engineering Assessment = Engineering assessment is used to determine the total organic compound emission rate for the representative operating condition expected to yield the highest daily emission rate.</p> <p>Continuous Operating Parameter Provisions = The owner or operator does not use an alternative to the continuous operating parameter monitoring and recordkeeping provisions of 40 CFR § 63.654(i).</p> <p>Control Device = Flare</p> <p>Additional Parameter Monitoring = Parameters specified in 40 CFR § 63.644(a) are being monitored.</p>
47-V-02	30 TAC Chapter 115, Vent Gas Controls	R5121	<p>Alternate Control Requirement = Alternate control is not used.</p> <p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.</p> <p>Vent Type = Vent gas stream emissions of the specified classes of VOCs including aldehydes, alcohols, aromatics, ethers, olefins, peroxides, amines, acids, esters, ketones, sulfides, and branched chain hydrocarbons (C and above).</p>
47-V-02	40 CFR Part 63, Subpart CC	63CC	<p>Specified in 40 CFR § 63.640(g)(1)-(6) = The miscellaneous process vent is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).</p> <p>Divert Vent Stream = The miscellaneous process vent utilizes a vent system that contains no by-pass lines.</p> <p>Subject to 40 CFR Part 63, Subparts F, G, H or I = The miscellaneous process vent is subject to 40 CFR Part 63, Subpart CC.</p> <p>Group 1 = The miscellaneous process vent is a Group 1 vent.</p> <p>Engineering Assessment = Engineering assessment is used to determine the total organic compound emission rate for the representative operating condition expected to yield the highest daily emission rate.</p> <p>Continuous Operating Parameter Provisions = The owner or operator does not use an alternative to the continuous operating parameter monitoring and recordkeeping provisions of 40 CFR § 63.654(i).</p> <p>Control Device = Boiler or process heater with a design heat input capacity of greater or equal to than 44 MW or a boiler or process heater in which all vent streams are introduced into the flame zone.</p>
48-V-01	30 TAC Chapter 115, Vent Gas	R5121	<p>Alternate Control Requirement = Alternate control is not used.</p> <p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a</p>

Unit ID	Regulation	Index Number	Basis of Determination*
	Controls		<p>control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.</p> <p>Vent Type = Vent gas stream emissions of the specified classes of VOCs including aldehydes, alcohols, aromatics, ethers, olefins, peroxides, amines, acids, esters, ketones, sulfides, and branched chain hydrocarbons (C and above).</p>
48-V-01	40 CFR Part 63, Subpart CC	63CC	<p>Specified in 40 CFR § 63.640(g)(1)-(6) = The miscellaneous process vent is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).</p> <p>Divert Vent Stream = The miscellaneous process vent utilizes a vent system that contains no by-pass lines.</p> <p>Subject to 40 CFR Part 63, Subparts F, G, H or I = The miscellaneous process vent is subject to 40 CFR Part 63, Subpart CC.</p> <p>Group 1 = The miscellaneous process vent is a Group 1 vent.</p> <p>Engineering Assessment = Engineering assessment is used to determine the total organic compound emission rate for the representative operating condition expected to yield the highest daily emission rate.</p> <p>Continuous Operating Parameter Provisions = The owner or operator does not use an alternative to the continuous operating parameter monitoring and recordkeeping provisions of 40 CFR § 63.654(i).</p> <p>Control Device = Boiler or process heater with a design heat input capacity of greater or equal to than 44 MW or a boiler or process heater in which all vent streams are introduced into the flame zone.</p>
49-V-01	30 TAC Chapter 115, Vent Gas Controls	R5121	<p>Alternate Control Requirement = Alternate control is not used.</p> <p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Control Device Type = Smokeless flare</p> <p>Vent Type = Vent gas stream emissions of the specified classes of VOCs including aldehydes, alcohols, aromatics, ethers, olefins, peroxides, amines, acids, esters, ketones, sulfides, and branched chain hydrocarbons (C and above).</p>
49-V-01	40 CFR Part 63, Subpart CC	63CC	<p>Specified in 40 CFR § 63.640(g)(1)-(6) = The miscellaneous process vent is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).</p> <p>Divert Vent Stream = The miscellaneous process vent utilizes a vent system that contains no by-pass lines.</p> <p>Subject to 40 CFR Part 63, Subparts F, G, H or I = The miscellaneous process vent is subject to 40 CFR Part 63, Subpart CC.</p> <p>Group 1 = The miscellaneous process vent is a Group 1 vent.</p> <p>Engineering Assessment = Engineering assessment is used to determine the total organic compound emission rate for the representative operating condition expected to yield the highest daily emission rate.</p> <p>Continuous Operating Parameter Provisions = The owner or operator does not use an alternative to the continuous operating parameter monitoring and recordkeeping provisions of 40 CFR § 63.654(i).</p> <p>Control Device = Flare</p>
GRP-EPN118	30 TAC Chapter 115, Vent Gas Controls	R5121	<p>Alternate Control Requirement = Alternate control is not used.</p> <p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
			Vent Type = Vent gas stream emissions of the specified classes of VOCs including aldehydes, alcohols, aromatics, ethers, olefins, peroxides, amines, acids, esters, ketones, sulfides, and branched chain hydrocarbons (C and above).
GRP-EPN118	30 TAC Chapter 115, Vent Gas Controls	R5121a	<p>Alternate Control Requirement = Alternate control is not used.</p> <p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.</p> <p>Vent Type = Vent gas stream emissions of the specified classes of VOCs including aldehydes, alcohols, aromatics, ethers, olefins, peroxides, amines, acids, esters, ketones, sulfides, and branched chain hydrocarbons (C and above).</p>
GRP-EPN121	30 TAC Chapter 111, Nonagricultural Processes	R1151	Effective Stack Height = The effective stack height as calculated in the equation specified by 30 TAC §111.151(c) is not less than the standard effective stack height as determined by Table 2 specified in 30 TAC §111.151(b).
GRP-EPN121	30 TAC Chapter 111, Visible Emissions	R1111	<p>Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.</p> <p>Vent Source = The source of the vent is a catalyst regenerator for a fluid bed catalytic cracking unit.</p> <p>Opacity Monitoring System = The executive director and Administrator have determined that 30 TAC § 111.111(a)(1)(F) may be used to comply with the appropriate opacity standard since the gas stream contains condensed water vapor which could interfere with proper CEMS operation.</p> <p>Total Feed Capacity = Total feed capacity is greater than 20,000 barrels per day.</p> <p>Construction Date = After January 31, 1972</p> <p>Effluent Flow Rate = Effluent flow rate is at least 100,000 actual cubic feet per minute.</p>
GRP-EPN126A	30 TAC Chapter 115, Vent Gas Controls	R5121	<p>Alternate Control Requirement = Alternate control is not used.</p> <p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Control Device Type = Smokeless flare</p> <p>Vent Type = Vent gas stream emissions of the specified classes of VOCs including aldehydes, alcohols, aromatics, ethers, olefins, peroxides, amines, acids, esters, ketones, sulfides, and branched chain hydrocarbons (C and above).</p>
GRP-EPN126A	40 CFR Part 63, Subpart CC	63CC	<p>Specified in 40 CFR § 63.640(g)(1)-(6) = The miscellaneous process vent is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).</p> <p>Divert Vent Stream = The miscellaneous process vent utilizes a vent system that contains no by-pass lines.</p> <p>Subject to 40 CFR Part 63, Subparts F, G, H or I = The miscellaneous process vent is subject to 40 CFR Part 63, Subpart CC.</p> <p>Group 1 = The miscellaneous process vent is a Group 1 vent.</p> <p>Engineering Assessment = Engineering assessment is used to determine the total organic compound emission rate for the representative operating condition expected to yield the highest daily emission rate.</p> <p>Continuous Operating Parameter Provisions = The owner or operator does not use an alternative to the continuous operating parameter monitoring and recordkeeping provisions of 40 CFR § 63.654(i).</p> <p>Control Device = Flare</p>

Unit ID	Regulation	Index Number	Basis of Determination*
GRP-EPN126B	30 TAC Chapter 115, Vent Gas Controls	R5121	<p>Alternate Control Requirement = Alternate control is not used.</p> <p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Control Device Type = Smokeless flare</p> <p>Vent Type = Vent gas stream emissions of the specified classes of VOCs including aldehydes, alcohols, aromatics, ethers, olefins, peroxides, amines, acids, esters, ketones, sulfides, and branched chain hydrocarbons (C and above).</p>
GRP-EPN126B	30 TAC Chapter 115, Vent Gas Controls	R5121a	<p>Alternate Control Requirement = Alternate control is not used.</p> <p>Chapter 115 Division = The vent stream does not originate from a source for which another Division in 30 TAC Chapter 115 establishes a control requirement, emission specification, or exemption for that source.</p> <p>Combustion Exhaust = The vent stream is not from a combustion unit exhaust or the combustion unit is used as a control device for a vent stream originating from a noncombustion source subject to 30 TAC Chapter 115, Subchapter B, Division 2.</p> <p>Control Device Type = Vapor recovery system, as defined in 30 TAC § 115.10, other than an afterburner, blast furnace combustion device, boiler, catalytic or direct flame incinerator, carbon adsorption system, chiller, flare or vapor combustor.</p> <p>Vent Type = Vent gas stream emissions of the specified classes of VOCs including aldehydes, alcohols, aromatics, ethers, olefins, peroxides, amines, acids, esters, ketones, sulfides, and branched chain hydrocarbons (C and above).</p>
GRP-EPN126B	40 CFR Part 63, Subpart CC	63CCa	<p>Specified in 40 CFR § 63.640(g)(1)-(6) = The miscellaneous process vent is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).</p> <p>Divert Vent Stream = The miscellaneous process vent utilizes a vent system that contains no by-pass lines.</p> <p>Subject to 40 CFR Part 63, Subparts F, G, H or I = The miscellaneous process vent is subject to 40 CFR Part 63, Subpart CC.</p> <p>Group 1 = The miscellaneous process vent is a Group 1 vent.</p> <p>Engineering Assessment = Engineering assessment is used to determine the total organic compound emission rate for the representative operating condition expected to yield the highest daily emission rate.</p> <p>Continuous Operating Parameter Provisions = The owner or operator does not use an alternative to the continuous operating parameter monitoring and recordkeeping provisions of 40 CFR § 63.654(i).</p> <p>Control Device = Flare</p>
GRP-EPN126B	40 CFR Part 63, Subpart CC	63CCb	<p>Specified in 40 CFR § 63.640(g)(1)-(6) = The miscellaneous process vent is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).</p> <p>Divert Vent Stream = The miscellaneous process vent utilizes a vent system that contains no by-pass lines.</p> <p>Subject to 40 CFR Part 63, Subparts F, G, H or I = The miscellaneous process vent is subject to 40 CFR Part 63, Subpart CC.</p> <p>Group 1 = The miscellaneous process vent is a Group 1 vent.</p> <p>Engineering Assessment = Engineering assessment is used to determine the total organic compound emission rate for the representative operating condition expected to yield the highest daily emission rate.</p> <p>Continuous Operating Parameter Provisions = The owner or operator does not use an alternative to the continuous operating parameter monitoring and recordkeeping provisions of 40 CFR § 63.654(i).</p> <p>Control Device = Boiler or process heater with a design heat input capacity of greater or equal to than 44 MW or a boiler or process heater in which all vent streams are introduced into the flame zone.</p>
GRP-EPN135	30 TAC Chapter 115, Vent Gas Controls	R5121	<p>Alternate Control Requirement = Alternate control is not used.</p> <p>Control Device Type = Smokeless flare</p> <p>Vent Type = Vent gas stream emissions of the specified classes of VOCs including aldehydes, alcohols, aromatics, ethers, olefins, peroxides, amines, acids, esters, ketones, sulfides, and branched chain hydrocarbons (C and above).</p>

Unit ID	Regulation	Index Number	Basis of Determination*
GRP-EPN135	40 CFR Part 63, Subpart CC	63CCa	<p>Specified in 40 CFR § 63.640(g)(1)-(6) = The miscellaneous process vent is not part of a process specified in 40 CFR § 63.640(g)(1) - (6).</p> <p>Divert Vent Stream = The miscellaneous process vent utilizes a vent system that contains no by-pass lines.</p> <p>Subject to 40 CFR Part 63, Subparts F, G, H or I = The miscellaneous process vent is subject to 40 CFR Part 63, Subpart CC.</p> <p>Group 1 = The miscellaneous process vent is a Group 1 vent.</p> <p>Automated Data Compression Recording System = OWNER/OPERATOR DOES NOT USE AN AUTOMATED DATA COMPRESSION SYSTEM THAT RECORDS ALL VALUES THAT MEET SET CRITERIA FOR VARIATION FROM PREVIOUSLY RECORDED VALUES.</p> <p>Engineering Assessment = Engineering assessment is used to determine the total organic compound emission rate for the representative operating condition expected to yield the highest daily emission rate.</p> <p>Continuous Operating Parameter Provisions = The owner or operator does not use an alternative to the continuous operating parameter monitoring and recordkeeping provisions of 40 CFR § 63.654(i).</p> <p>Control Device = Flare</p> <p>Additional Parameter Monitoring = Parameters specified in 40 CFR § 63.644(a) are being monitored.</p>
DEGREASE-F	30 TAC Chapter 115, Degreasing Processes	R5412	<p>Solvent Degreasing Machine Type = Degreasing operations located on a property which, when uncontrolled, can emit a combined weight of VOC less than 550 pounds in any consecutive 24-hour period.</p> <p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternative control requirement as allowed under 30 TAC § 115.413 or not alternative has been requested.</p>
GRP-NNN	40 CFR Part 60, Subpart NNN	60NNNa	<p>Subpart NNN Chemicals = The distillation unit produces any chemical listed in 40 CFR § 60.667 as a product, co-product, by-product, or intermediate.</p> <p>Total Resource Effectiveness = TRE index value less than 8.0 not from a halogenated vent stream.</p> <p>Construction/Modification Date = After December 30, 1983.</p> <p>TOC Reduction = Compliance is achieved by reducing total organic compound emissions (less methane and ethane) by 98 weight-percent or to a concentration of 20 ppmv dry basis corrected to 3 percent oxygen using a VOC emissions non-flare combustion control device.</p> <p>Subpart NNN Control Device = EPA Administrator approved demonstration of compliance with 40 CFR § 60.662 other than 40 CFR § 60.663(a), (b), (c), or (d).</p> <p>Vent Type = Distillation unit not discharging vent stream into a vapor recovery system.</p> <p>Distillation Unit Type = Does not qualify for any exemption under § 60.660(c)(1)-(3).</p> <p>Total Design Capacity = 1 gigagram per year or greater.</p> <p>Vent Stream Flow Rate = Flow rate greater than or equal to 0.008 scm/min.</p>
GRP-NNN	40 CFR Part 60, Subpart NNN	60NNNb	<p>Subpart NNN Chemicals = The distillation unit produces any chemical listed in 40 CFR § 60.667 as a product, co-product, by-product, or intermediate.</p> <p>Total Resource Effectiveness = TRE index value less than 8.0 not from a halogenated vent stream.</p> <p>Construction/Modification Date = After December 30, 1983.</p> <p>TOC Reduction = Compliance is achieved by reducing total organic compound emissions (less methane and ethane) by 98 weight-percent or to a concentration of 20 ppmv dry basis corrected to 3 percent oxygen using a VOC emissions non-flare combustion control device.</p> <p>Subpart NNN Control Device = Flare.</p> <p>Vent Type = Distillation unit not discharging vent stream into a vapor recovery system.</p> <p>Distillation Unit Type = Does not qualify for any exemption under § 60.660(c)(1)-(3).</p> <p>Total Design Capacity = 1 gigagram per year or greater.</p> <p>Vent Stream Flow Rate = Flow rate greater than or equal to 0.008 scm/min.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
GRP-RRR	40 CFR Part 60, Subpart RRR	6oRRRa	<p>Chemicals Listed in 40 CFR § 60.707 = The affected facility is part of a process unit that produces chemicals listed in 40 CFR § 60.707 as a product, co-product, by product, or intermediate.</p> <p>Secondary Fuel = The vent stream is introduced with the primary fuel.</p> <p>Total Design Capacity = Total design capacity is 1 gigagram per year (1,100 tons per year) or greater.</p> <p>Bypass Line = There is no bypass line valve.</p> <p>Construction/Modification Date = After June 29, 1990.</p> <p>Vent Stream Flow Rate = Vent stream flow rate is 0.011 scm/min or greater, or value is not measured.</p> <p>Affected Facility Type = Reactor process not discharging its vent stream into a recovery system.</p> <p>TOC Exemption = No TOC concentration exemption.</p> <p>Control Device = Boiler or process heater with design heat input less than 44 MW (150 MMBTU/hr).</p> <p>Subject to Title 40 CFR Part 60, Subpart DDD = The reactor process is not subject to the provisions of Title 40 CFR Part 60, Subpart DDD.</p> <p>Subject to Title 40 CFR Part 60, Subpart NNN = The vent stream is not routed to a distillation unit subject to Title 40 CFR Part 60, Subpart NNN or has other releases to the air than from a pressure relief valve.</p> <p>TRE Index Value = TRE index value is less than or equal to 8.0 or a TRE index value is not calculated or claimed for exemption 40 CFR § 60.700(c)(2).</p> <p>TRE for Halogenated Vent Stream = TRE index value is being calculated for a nonhalogenated vent stream.</p>
GRP-RRR	40 CFR Part 60, Subpart RRR	6oRRRb	<p>Chemicals Listed in 40 CFR § 60.707 = The affected facility is part of a process unit that produces chemicals listed in 40 CFR § 60.707 as a product, co-product, by product, or intermediate.</p> <p>Total Design Capacity = Total design capacity is 1 gigagram per year (1,100 tons per year) or greater.</p> <p>Bypass Line = There is no bypass line valve.</p> <p>Construction/Modification Date = After June 29, 1990.</p> <p>Vent Stream Flow Rate = Vent stream flow rate is 0.011 scm/min or greater, or value is not measured.</p> <p>Affected Facility Type = Reactor process not discharging its vent stream into a recovery system.</p> <p>TOC Exemption = No TOC concentration exemption.</p> <p>Control Device = Boiler or process heater with design heat input of 44 MW (150 MMBTU/hr) or greater.</p> <p>Subject to Title 40 CFR Part 60, Subpart DDD = The reactor process is not subject to the provisions of Title 40 CFR Part 60, Subpart DDD.</p> <p>Subject to Title 40 CFR Part 60, Subpart NNN = The vent stream is not routed to a distillation unit subject to Title 40 CFR Part 60, Subpart NNN or has other releases to the air than from a pressure relief valve.</p> <p>TRE Index Value = TRE index value is less than or equal to 8.0 or a TRE index value is not calculated or claimed for exemption 40 CFR § 60.700(c)(2).</p> <p>TRE for Halogenated Vent Stream = TRE index value is being calculated for a nonhalogenated vent stream.</p>
GRP-RRR	40 CFR Part 60, Subpart RRR	6oRRRc	<p>Chemicals Listed in 40 CFR § 60.707 = The affected facility is part of a process unit that produces chemicals listed in 40 CFR § 60.707 as a product, co-product, by product, or intermediate.</p> <p>Total Design Capacity = Total design capacity is 1 gigagram per year (1,100 tons per year) or greater.</p> <p>Bypass Line = There is no bypass line valve.</p> <p>Construction/Modification Date = After June 29, 1990.</p> <p>Vent Stream Flow Rate = Vent stream flow rate is 0.011 scm/min or greater, or value is not measured.</p> <p>Affected Facility Type = Reactor process not discharging its vent stream into a recovery system.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
			<p>TOC Exemption = No TOC concentration exemption.</p> <p>Control Device = Flare that meets the requirements of 40 CFR § 60.18.</p> <p>Subject to Title 40 CFR Part 60, Subpart DDD = The reactor process is not subject to the provisions of Title 40 CFR Part 60, Subpart DDD.</p> <p>Subject to Title 40 CFR Part 60, Subpart NNN = The vent stream is not routed to a distillation unit subject to Title 40 CFR Part 60, Subpart NNN or has other releases to the air than from a pressure relief valve.</p> <p>TRE Index Value = TRE index value is less than or equal to 8.0 or a TRE index value is not calculated or claimed for exemption 40 CFR § 60.700(c)(2).</p> <p>TRE for Halogenated Vent Stream = TRE index value is being calculated for a nonhalogenated vent stream.</p>
GRPTURNJET	30 TAC Chapter 115, Unit Turn & Vac System-Pet Ref	R5311a	<p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate control requirement for demonstrating and documenting compliance or no such alternate has been requested.</p> <p>Weight of VOC Emitted = Combined weight of VOC is 100 pounds (45.4 kg) or less in any consecutive 24-hour period.</p>
GRP-VACJET	30 TAC Chapter 115, Unit Turn & Vac System-Pet Ref	R5311a	<p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate control requirement for demonstrating and documenting compliance or no such alternate has been requested.</p> <p>Weight of VOC Emitted = Combined weight of VOC is greater than 100 pounds (45.4 kg) in any consecutive 24-hour period.</p> <p>Steam Ejection or Mechanical Vacuum Pump = The vacuum-producing system contains a steam ejector or mechanical vacuum pump.</p> <p>Hotwell with a Contact Condenser = The vacuum-producing system does not contain a hotwell with a contact condenser.</p> <p>Control Device = Any other vapor recovery system.</p>
GRP-VACJET	30 TAC Chapter 115, Unit Turn & Vac System-Pet Ref	R5311b	<p>Alternate Control Requirement = The TCEQ Executive Director has not approved an alternate control requirement for demonstrating and documenting compliance or no such alternate has been requested.</p> <p>Weight of VOC Emitted = Combined weight of VOC is greater than 100 pounds (45.4 kg) in any consecutive 24-hour period.</p> <p>Steam Ejection or Mechanical Vacuum Pump = The vacuum-producing system contains a steam ejector or mechanical vacuum pump.</p> <p>Hotwell with a Contact Condenser = The vacuum-producing system does not contain a hotwell with a contact condenser.</p> <p>Control Device = Smokeless flare.</p>
13-H-01A	40 CFR Part 60, Subpart J	60J	<p>Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b).</p> <p>Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007.</p>
13-H-01A	40 CFR Part 60, Subpart J	60J-low	<p>Facility Type = Fuel gas combustion device located at a petroleum refinery, other than a flare, that meets requirements in §§ 60.105(a)(4)(iv) or 60.105(b) [inherently low in sulfur content]</p> <p>Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007.</p>
13-H-01B	40 CFR Part 60, Subpart J	60J	<p>Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b).</p> <p>Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007.</p>
13-H-01B	40 CFR Part 60, Subpart J	60J-low	<p>Facility Type = Fuel gas combustion device located at a petroleum refinery, other than a flare, that meets requirements in §§ 60.105(a)(4)(iv) or 60.105(b) [inherently low in sulfur content]</p> <p>Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007.</p>
13-H-01C	40 CFR Part 60, Subpart J	60J	<p>Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b).</p> <p>Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007.</p>

Unit ID	Regulation	Index Number	Basis of Determination*
13-H-01C	40 CFR Part 60, Subpart J	60J-low	Facility Type = Fuel gas combustion device located at a petroleum refinery, other than a flare, that meets requirements in §§ 60.105(a)(4)(iv) or 60.105(b) [inherently low in sulfur content] Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007.
24-ST-01	40 CFR Part 60, Subpart J	60J	Facility Type = FCCU catalyst regenerator located at a petroleum refinery. Construction/Modification Date = After January 17, 1984 and on or before May 14, 2007. Discharged Gases = Gases discharged by the FCCU catalyst regenerator do not pass through an incinerator or waste heat boiler in which auxiliary or supplemental liquid or solid fossil fuel is burned.
24-ST-01	40 CFR Part 63, Subpart UUU	63UUU	CCU CO Emission Limitation = CCU subject to the NSPS for CO in 40 CFR § 60.103 or electing to comply with the NSPS requirements (Option 1). CCU PM/Opacity Emission Limitation = CCU subject to the NSPS for PM in 40 CFR §60.102 - PM emissions not to exceed 1.0 kg/1,000 kg of coke burn-off in the catalyst regenerator and opacity of emissions not to exceed 30%, except for one 6-minute avg. opacity reading in any 1-hour period. CCU PM Control Device = Wet scrubber of the non-venturi jet-ejector design. CCU CO Monitoring Method = Continuous Emissions Monitoring System for measuring CO concentration. CCU PM Monitoring Method = Alternative to COMS approved under §63.1573(f). CCU Bypass Line = No bypass line serving the catalytic cracking unit. Alternate Method for Measuring Gas Flow Rate = Using an alternate method for measuring gas flow rate as listed in §63.1573(a)(1). Multiple CCUs Served by a Single Wet Scrubber = Each CCU is served by a single wet scrubber.
38-H-01	40 CFR Part 60, Subpart J	60J	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007.
38-H-01	40 CFR Part 60, Subpart J	60J-low	Facility Type = Fuel gas combustion device located at a petroleum refinery, other than a flare, that meets requirements in §§ 60.105(a)(4)(iv) or 60.105(b) [inherently low in sulfur content] Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007.
38-H-02	40 CFR Part 60, Subpart J	60J	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007.
38-H-02	40 CFR Part 60, Subpart J	60J-low	Facility Type = Fuel gas combustion device located at a petroleum refinery, other than a flare, that meets requirements in §§ 60.105(a)(4)(iv) or 60.105(b) [inherently low in sulfur content] Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007.
41-H-07	40 CFR Part 60, Subpart J	60J	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007.
46-H-01	40 CFR Part 60, Subpart J	60J	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007.
48-H-01	40 CFR Part 60, Subpart J	60J	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007.
48-H-01	40 CFR Part 60, Subpart J	60J-AMP	Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b). Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007.

Unit ID	Regulation	Index Number	Basis of Determination*
49CRU	40 CFR Part 63, Subpart UUU	63UUU	<p>CRU HCl Emission Limitation = Existing cyclic or continuous CRU reducing uncontrolled emissions of HCl by 97% by weight or to a concentration of 10 ppmv.</p> <p>CRU HCl Control Device = Wet Scrubber.</p> <p>Wet/Internal Scrubber Alt Monitoring = Using the alternative pH procedure in §63.1573(b)(1).</p> <p>Wet Scrubber Alt Gas Flow Rate = Using the alternative procedure to determine the gas flow rate in §63.1573(a)(1).</p> <p>CRU Bypass Line = Install and operate an automated system to detect flow in the bypass line.</p>
49-H-91	40 CFR Part 60, Subpart J	60J	<p>Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b).</p> <p>Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007.</p>
52-H-01	40 CFR Part 60, Subpart J	60J	<p>Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b).</p> <p>Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007.</p>
GF-1	40 CFR Part 60, Subpart J	60J	Construction/Modification Date = After June 11, 1973 and on or before June 24, 2008.
GRP-49HTR	40 CFR Part 60, Subpart J	60J	<p>Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b).</p> <p>Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007.</p>
GRP-49HTR	40 CFR Part 60, Subpart J	60J-low	<p>Facility Type = Fuel gas combustion device located at a petroleum refinery, other than a flare, that meets requirements in §§ 60.105(a)(4)(iv) or 60.105(b) [inherently low in sulfur content]</p> <p>Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007.</p>
GRP-BLR-DB	40 CFR Part 60, Subpart J	60J	<p>Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b).</p> <p>Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007.</p>
GRP-HTR	40 CFR Part 60, Subpart J	60J	<p>Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b).</p> <p>Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007.</p>
GRP-HTRJ	40 CFR Part 60, Subpart J	60J	<p>Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b).</p> <p>Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007.</p>
GRP-HTRJ	40 CFR Part 60, Subpart J	60J-AMP	<p>Facility Type = Fuel gas combustion device, other than a flare, that does not meet requirements in §§ 60.105(a)(4)(iv) or 60.105(b).</p> <p>Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007.</p>
MFL-1	40 CFR Part 60, Subpart J	60J	Construction/Modification Date = After June 11, 1973 and on or before June 24, 2008.
MTBE FL-2	40 CFR Part 60, Subpart J	60J	Construction/Modification Date = After June 11, 1973 and on or before June 24, 2008.
SRU	40 CFR Part 60, Subpart J	60J	Construction/Modification Date = After October 4, 1976 and on or before May 14, 2007.
SRU	40 CFR Part 63, Subpart UUU	63UUU	<p>SRU Emission Limitation = Claus SRU part of sulfur recovery plant greater than or equal to 20 long tons/day using oxidation or reduction system followed by incineration subject to 250 ppmv SO₂ emission limit in §60.104(a)(2).</p> <p>SRU Bypass Line = Install and operate an automated system to detect flow in the bypass line.</p>
SRU3	40 CFR Part 60,	60J	Construction/Modification Date = After October 4, 1976 and on or before May 14, 2007.

Unit ID	Regulation	Index Number	Basis of Determination*
	Subpart J		
SRU3	40 CFR Part 63, Subpart UUU	63UUU	SRU Emission Limitation = Claus SRU part of sulfur recovery plant greater than or equal to 20 long tons/day using oxidation or reduction system followed by incineration subject to 250 ppmv SO ₂ emission limit in §60.104(a)(2). SRU Bypass Line = Install and operate an automated system to detect flow in the bypass line.
TRUCKCOMB	40 CFR Part 60, Subpart J	60J	Facility Type = Fuel gas combustion device located at a petroleum refinery, other than a flare, that meets requirements in §§ 60.105(a)(4)(iv) or 60.105(b) [inherently low in sulfur content] Construction/Modification Date = After June 11, 1973 and on or before May 14, 2007.
WWTP-FUG	40 CFR Part 61, Subpart FF	61FF-DRAINS	Unit Type = Individual drain system CLOSED VENT SYSTEM AND CONTROL DEVICE AMOC = Complying with the requirements of § 61.349 By-pass Line = System does not contain by-pass lines Control Device Type/Operation = Carbon adsorption system that does not regenerate the carbon bed directly in the control device. Engineering Calculations = Performance tests are used to demonstrate the control device achieves compliance. Alternate Monitoring Parameters = Complying with the monitoring parameters in § 61.354 for the control device. Carbon Replacement Interval = Carbon adsorber is monitored and carbon replaced on indication of breakthrough.

* - The “unit attributes” or operating conditions that determine what requirements apply

NSR Versus Title V FOP

The state of Texas has two Air permitting programs, New Source Review (NSR) and Title V Federal Operating Permits. The two programs are substantially different both in intent and permit content.

NSR is a preconstruction permitting program authorized by the Texas Clean Air Act and Title I of the Federal Clean Air Act (FCAA). The processing of these permits is governed by 30 Texas Administrative Code (TAC) Chapter 116.111. The Title V Federal Operating Program is a federal program authorized under Title V of the FCAA that has been delegated to the state of Texas to administer and is governed by 30 TAC Chapter 122. The major differences between the two permitting programs are listed in the table below:

NSR Permit	Federal Operating Permit(FOP)
Issued Prior to new Construction or modification of an existing facility	For initial permit with application shield, can be issued after operation commences; significant revisions require approval prior to operation.
Authorizes air emissions	Codifies existing applicable requirements, does not authorize new emissions
Ensures issued permits are protective of the environment and human health by conducting a health effects review and that requirement for best available control technology (BACT) is implemented.	Applicable requirements listed in permit are used by the inspectors to ensure proper operation of the site as authorized. Ensures that adequate monitoring is in place to allow compliance determination with the FOP.
Up to two Public notices may be required. Opportunity for public comment and contested case hearings for some authorizations.	One public notice required. Opportunity for public comments. No contested case hearings.
Applies to all point source emissions in the state.	Applies to all major sources and some non-major sources identified by the EPA.
Applies to facilities: a portion of site or individual emission sources	One or multiple FOPs cover the entire site (consists of multiple facilities)
Permits include terms and conditions under which the applicant must construct and operate its various equipment and processes on a facility basis.	Permits include terms and conditions that specify the general operational requirements of the site; and also include codification of all applicable requirements for emission units at the site.
Opportunity for EPA review for Federal Prevention of Significant Deterioration (PSD) and Nonattainment (NA) permits for major sources.	Opportunity for EPA review, Affected states review, and a Public petition period for every FOP.
Permits have a table listing maximum emission limits for pollutants	Permit has an applicable requirements table and Periodic Monitoring (PM) / Compliance Assurance Monitoring (CAM) tables which document applicable monitoring requirements.
Permits can be altered or amended upon application by company. Permits must be issued before construction or modification of facilities can begin.	Permits can be revised through several revision processes, which provide for different levels of public notice and opportunity to comment. Changes that would be significant revisions require that a revised permit be issued before those changes can be operated.
NSR permits are issued independent of FOP requirements.	FOP are independent of NSR permits, but contain a list of all NSR permits incorporated by reference

New Source Review Requirements

Below is a list of the New Source Review (NSR) permits for the permitted area. These NSR permits are incorporated by reference into the operating permit and are enforceable under it. These permits can be found in the main TCEQ file room, located on the first floor of Building E, 12100 Park 35 Circle, Austin, Texas. The Public Education Program may be contacted at 1-800-687-4040 or the Air Permits Division (APD) may be contacted at 1-512-239-1250 for help with any question.

Additionally, the site contains emission units that are permitted by rule under the requirements of 30 TAC Chapter 106, Permits by Rule. The following table specifies the permits by rule that apply to the site. All current permits by rule are contained in Chapter 106. Outdated 30 TAC Chapter 106 permits by rule may be viewed at the following Web site:

www.tceq.texas.gov/permitting/air/permitbyrule/historical_rules/old106list/index106.html

Outdated Standard Exemption lists may be viewed at the following Web site:

www.tceq.texas.gov/permitting/air/permitbyrule/historical_rules/oldselist/se_index.html

Prevention of Significant Deterioration (PSD) Permits	
PSD Permit No.: PSDTX324M13	
Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.	
Authorization No.: 20740	Authorization No.: 55362
Authorization No.: 20992	Authorization No.: 55688
Authorization No.: 38754	Authorization No.: 86443
Authorization No.: 106965	Authorization No.: 92722
Authorization No.: 109543	Authorization No.: 93732
Authorization No.: 55294	Authorization No.: 95652
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.261	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 11/01/2003
Number: 106.371	Version No./Date: 09/04/2000
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.478	Version No./Date: 03/14/1997
Number: 106.478	Version No./Date: 09/04/2000
Number: 106.511	Version No./Date: 09/04/2000
Number: 106.532	Version No./Date: 03/14/1997
Number: 69	Version No./Date: 05/05/1976
Number: 69	Version No./Date: 09/23/1982

Number: 71	Version No./Date: 05/05/1976
Number: 86	Version No./Date: 08/30/1988
Number: 86	Version No./Date: 09/12/1989
Number: 86	Version No./Date: 09/13/1993
Number: 102	Version No./Date: 05/12/1981
Number: 102	Version No./Date: 09/23/1982
Number: 118	Version No./Date: 09/12/1989
Number: 125	Version No./Date: 09/23/1982

Emission Units and Emission Points

In air permitting terminology, any source capable of generating emissions (for example, an engine or a sandblasting area) is called an Emission Unit. For purposes of Title V, emission units are specifically listed in the operating permit when they have applicable requirements other than New Source Review (NSR), or when they are listed in the permit shield table.

The actual physical location where the emissions enter the atmosphere (for example, an engine stack or a sandblasting yard) is called an emission point. For New Source Review preconstruction permitting purposes, every emission unit has an associated emission point. Emission limits are listed in an NSR permit, associated with an emission point. This list of emission points and emission limits per pollutant is commonly referred to as the “Maximum Allowable Emission Rate Table”, or “MAERT” for short. Specifically, the MAERT lists the Emission Point Number (EPN) that identifies the emission point, followed immediately by the Source Name, identifying the emission unit that is the source of those emissions on this table.

Thus, by reference, an emission unit in a Title V operating permit is linked by reference number to an NSR authorization, and its related emission point.

Monitoring Sufficiency

Federal and state rules, 40 CFR § 70.6(a)(3)(i)(B) and 30 TAC § 122.142(c) respectively, require that each federal operating permit include additional monitoring for applicable requirements that lack periodic or instrumental monitoring (which may include recordkeeping that serves as monitoring) that yields reliable data from a relevant time period that are representative of the emission unit’s compliance with the applicable emission limitation or standard. Furthermore, the federal operating permit must include compliance assurance monitoring (CAM) requirements for emission sources that meet the applicability criteria of 40 CFR Part 64 in accordance with 40 CFR § 70.6(a)(3)(i)(A) and 30 TAC § 122.604(b).

With the exception of any emission units listed in the Periodic Monitoring or CAM Summaries in the FOP, the TCEQ Executive Director has determined that the permit contains sufficient monitoring, testing, recordkeeping, and reporting requirements that assure compliance with the applicable requirements. If applicable, each emission unit that requires additional monitoring in the form of periodic monitoring or CAM is described in further detail under the Rationale for CAM/PM Methods Selected section following this paragraph.

Rationale for Compliance Assurance Monitoring (CAM)/ Periodic Monitoring Methods Selected

Periodic Monitoring:

The Federal Clean Air Act requires that each federal operating permit include monitoring sufficient to assure compliance with the terms and conditions of the permit. Most of the emission limits and standards applicable to emission units at Title V sources include adequate monitoring to show that the units meet the limits and standards. For those requirements that do not include monitoring, or where the monitoring is not sufficient to assure compliance, the federal operating permit must include such monitoring for the emission units affected. The following emission units are subject to periodic monitoring requirements because the emission units are subject to an emission limitation or standard for an air pollutant (or surrogate thereof) in an applicable requirement that does not already require monitoring, or the monitoring for the applicable requirement is not sufficient to assure compliance:

Unit/Group/Process Information	
ID No.: 02-V-12	
Control Device ID No.: MFL-1	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121
Pollutant: VOC	Main Standard: § 115.121(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: n/a	
Deviation Limit: Any monitoring which indicates the lack of a pilot flames shall be considered and reported as a deviation when vent is routed to the flare, MFL-1, for vapor control.	
Basis of monitoring: It is widely practiced and accepted to monitor the flare pilot flame by closed circuit cameras, thermocouples and visual inspection. The presence of the pilot flame demonstrates that VOC emissions are combusted. Monitoring the presence of a pilot flame is required in many federal rules, including: 40 CFR Part 60, Subparts K, III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; and 40 CFR Part 63, Subparts G, R, W, DD, and HH.	

Unit/Group/Process Information	
ID No.: 38-V-54	
Control Device ID No.: 38-H-01	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121
Pollutant: VOC	Main Standard: § 115.121(b)
Monitoring Information	
Indicator: Period of Operation	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: All periods of operation that are not recorded are to be considered and reported as a deviation when vent is routed to the Oleflex Charge Heater, 38-H-01, for vapor control.	
<p>Basis of monitoring:</p> <p>A common way to control VOC emissions is to route emissions to a boiler or process heater with a design heat input capacity of 44 MW or greater with minimum temperatures of 1100 °C and residence times greater than one second. Boilers and process heaters with the stated design have demonstrated to meet 98% reduction efficiency; therefore, it is only necessary to document the period of operation of the control equipment. Additionally, in the October, 21, 1983 preamble to 40 CFR Part 60, Subpart III, (48 FR 48945), the EPA determined that installing a steam generating unit, with a design heat input capacity of 44 MW or greater, to control VOC emissions, is an acceptable means of demonstrating compliance with 40 CFR Part 60, Subpart III and waived the requirement for a performance test on such devices. Monitoring the period of operation of a boiler/process heater greater than 44 MW is commonly required in federal rules, including: 40 CFR Part 60, Subparts III and NNN; 40 CFR Part 61, Subpart BB; 40 CFR Part 63, Subpart G.</p>	

Unit/Group/Process Information	
ID No.: 38-V-55	
Control Device ID No.: 38-H-02	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121
Pollutant: VOC	Main Standard: § 115.121(b)
Monitoring Information	
Indicator: Period of Operation	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: All periods of operation that are not recorded are to be considered and reported as a deviation when vent is routed to the Oleflex Interheater, 38-H-02, for vapor control.	
<p>Basis of monitoring:</p> <p>A common way to control VOC emissions is to route emissions to a boiler or process heater with a design heat input capacity of 44 MW or greater with minimum temperatures of 1100 °C and residence times greater than one second. Boilers and process heaters with the stated design have demonstrated to meet 98% reduction efficiency; therefore, it is only necessary to document the period of operation of the control equipment. Additionally, in the October, 21, 1983 preamble to 40 CFR Part 60, Subpart III, (48 FR 48945), the EPA determined that installing a steam generating unit, with a design heat input capacity of 44 MW or greater, to control VOC emissions, is an acceptable means of demonstrating compliance with 40 CFR Part 60, Subpart III and waived the requirement for a performance test on such devices. Monitoring the period of operation of a boiler/process heater greater than 44 MW is commonly required in federal rules, including: 40 CFR Part 60, Subparts III and NNN; 40 CFR Part 61, Subpart BB; 40 CFR Part 63, Subpart G.</p>	

Unit/Group/Process Information	
ID No.: 44-V-01	
Control Device ID No.: GF-1	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121
Pollutant: VOC	Main Standard: § 115.121(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: n/a	
Deviation Limit: Any monitoring which indicates the lack of a pilot flames shall be considered and reported as a deviation when vent is routed to the flare, GF-1, for vapor control.	
<p>Basis of monitoring:</p> <p>It is widely practiced and accepted to monitor the flare pilot flame by closed circuit cameras, thermocouples and visual inspection. The presence of the pilot flame demonstrates that VOC emissions are combusted. Monitoring the presence of a pilot flame is required in many federal rules, including: 40 CFR Part 60, Subparts K, III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; and 40 CFR Part 63, Subparts G, R, W, DD, and HH.</p>	

Unit/Group/Process Information	
ID No.: 47-V-02	
Control Device ID No.: 47-H-01	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)
Control Device ID No.: 47-H-02	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)
Control Device ID No.: 47-H-03	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)
Control Device ID No.: 47-H-04	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121
Pollutant: VOC	Main Standard: § 115.121(b)
Monitoring Information	
Indicator: Period of Operation	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: All periods of operation that are not recorded are to be considered and reported as a deviation when vent is routed to the Hydrocracker heaters, 47-H-01, 47-H-02, 47-H-03, & 47-H-04, for vapor control.	
<p>Basis of monitoring:</p> <p>A common way to control VOC emissions is to route emissions to a boiler or process heater with a design heat input capacity of 44 MW or greater with minimum temperatures of 1100 °C and residence times greater than one second. Boilers and process heaters with the stated design have demonstrated to meet 98% reduction efficiency; therefore, it is only necessary to document the period of operation of the control equipment. Additionally, in the October, 21, 1983 preamble to 40 CFR Part 60, Subpart III, (48 FR 48945), the EPA determined that installing a steam generating unit, with a design heat input capacity of 44 MW or greater, to control VOC emissions, is an acceptable means of demonstrating compliance with 40 CFR Part 60, Subpart III and waived the requirement for a performance test on such devices. Monitoring the period of operation of a boiler/process heater greater than 44 MW is commonly required in federal rules, including: 40 CFR Part 60, Subparts III and NNN; 40 CFR Part 61, Subpart BB; 40 CFR Part 63, Subpart G.</p>	

Unit/Group/Process Information	
ID No.: 48-V-01	
Control Device ID No.: 48-H-01	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121
Pollutant: VOC	Main Standard: § 115.121(b)
Monitoring Information	
Indicator: Period of Operation	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: All periods of operation that are not recorded are to be considered and reported as a deviation when vent is routed to the NHT heater, 48-H-01, for vapor control.	
<p>Basis of monitoring:</p> <p>A common way to control VOC emissions is to route emissions to a boiler or process heater with a design heat input capacity of 44 MW or greater with minimum temperatures of 1100 °C and residence times greater than one second. Boilers and process heaters with the stated design have demonstrated to meet 98% reduction efficiency; therefore, it is only necessary to document the period of operation of the control equipment. Additionally, in the October, 21, 1983 preamble to 40 CFR Part 60, Subpart III, (48 FR 48945), the EPA determined that installing a steam generating unit, with a design heat input capacity of 44 MW or greater, to control VOC emissions, is an acceptable means of demonstrating compliance with 40 CFR Part 60, Subpart III and waived the requirement for a performance test on such devices. Monitoring the period of operation of a boiler/process heater greater than 44 MW is commonly required in federal rules, including: 40 CFR Part 60, Subparts III and NNN; 40 CFR Part 61, Subpart BB; 40 CFR Part 63, Subpart G.</p>	

Unit/Group/Process Information	
ID No.: 49-V-01	
Control Device ID No.: GF-1	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121
Pollutant: VOC	Main Standard: § 115.121(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: n/a	
Deviation Limit: Any monitoring which indicates the lack of a pilot flames shall be considered and reported as a deviation when vent is routed to the flare, GF-1, for vapor control.	
<p>Basis of monitoring:</p> <p>It is widely practiced and accepted to monitor the flare pilot flame by closed circuit cameras, thermocouples and visual inspection. The presence of the pilot flame demonstrates that VOC emissions are combusted. Monitoring the presence of a pilot flame is required in many federal rules, including: 40 CFR Part 60, Subparts K, III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; and 40 CFR Part 63, Subparts G, R, W, DD, and HH.</p>	

Unit/Group/Process Information	
ID No.: 70-TK-109	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart K	SOP Index No.: 60K-c
Pollutant: VOC	Main Standard: § 60.112(a)(1)
Monitoring Information	
Indicator: Internal Floating Roof	
Minimum Frequency: annually	
Averaging Period: n/a	
Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the IFR, the seals are detached, or if there are holes or tears in the seal fabric shall be considered a deviation.	
<p>Basis of monitoring:</p> <p>The option to monitor VOC emissions by visually inspecting the external floating roof or the internal floating roof was included as an option by the EPA in the “Periodic Monitoring Technical Reference Document” (April 1999) to monitor VOC sources. If the external or internal floating roof is operating in accordance with its design it will meet its control efficiency. Visually inspecting the external floating roof or the internal floating roof is commonly required in federal and state rules, including: 40 CFR Part 60, Subpart Kb; 40 CFR Part 61, Subpart Y; and 30 TAC Chapter 115. Measuring and recording the accumulated area of gaps if the tank is equipped with primary seals is commonly required in federal and state rules, including: 40 CFR Part 60, Subpart Kb; 40 CFR Part 61, Subpart Y; 40 CFR 63 Subparts VV, DD, and MMM; and 30 TAC Chapter 115.</p>	

Unit/Group/Process Information	
ID No.: 70-TK-109	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart K	SOP Index No.: 60K-d
Pollutant: VOC	Main Standard: § 60.112(a)(1)
Monitoring Information	
Indicator: Internal Floating Roof	
Minimum Frequency: annually	
Averaging Period: n/a	
Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the IFR, the seals are detached, or if there are holes or tears in the seal fabric shall be considered a deviation.	
<p>Basis of monitoring:</p> <p>The option to monitor VOC emissions by visually inspecting the external floating roof or the internal floating roof was included as an option by the EPA in the “Periodic Monitoring Technical Reference Document” (April 1999) to monitor VOC sources. If the external or internal floating roof is operating in accordance with its design it will meet its control efficiency. Visually inspecting the external floating roof or the internal floating roof is commonly required in federal and state rules, including: 40 CFR Part 60, Subpart Kb; 40 CFR Part 61, Subpart Y; and 30 TAC Chapter 115. Measuring and recording the accumulated area of gaps if the tank is equipped with primary seals is commonly required in federal and state rules, including: 40 CFR Part 60, Subpart Kb; 40 CFR Part 61, Subpart Y; 40 CFR 63 Subparts VV, DD, and MMM; and 30 TAC Chapter 115.</p>	

Unit/Group/Process Information	
ID No.: APISEP	
Control Device ID No.: 124	Control Device Type: Vapor Combustor
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Water Separation	SOP Index No.: R5131
Pollutant: VOC	Main Standard: § 115.132(b)(3)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: n/a*	
Deviation Limit: Minimum combustor temperature of 1645 F.	
<p>Basis of monitoring:</p> <p>It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for vapor combustors. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. The monitoring of the combustion temperature of a thermal incinerator is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts G, R, DD, EE, and HH; and 30 TAC Chapter 115.</p>	

Unit/Group/Process Information	
ID No.: GRP-EPN118	
Control Device ID No.: GRP-EPN118	Control Device Type: Other Control Device Type
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121
Pollutant: VOC	Main Standard: § 115.121(b)
Monitoring Information	
Indicator: Exhaust Gas Temperature	
Minimum Frequency: once per week	
Averaging Period: n/a*	
Deviation Limit: Maximum exhaust gas temperature = 121 degrees F	
<p>Basis of monitoring:</p> <p>The condensate containing trace of methanol and carbon dioxide is sent to a tray tower, 13-T-01, for stripping. The stripped condensate is reused as boiler feed water make-up. The stripper overhead with a temperature above the boiling point of methanol (148.5 deg F), is routed to the stripped overhead condenser, 13-E-12, which is a two cell air cooled heat exchanger where the gas is cooled to approximately 127.7 deg F (or the average temperature from the most recent performance test) measured at the outlet of the exchanger. This outlet temperature will be monitored as the indicator that the VOC (methanol) has been removed to at least 90% removal per. Then, the two phase stream is separated in the condensate receiver, 13-V-11. The gas from the overhead of the receiver is routed to the reformer furnace stack. The condensate from the bottoms of the receiver is pumped to a sour water stripper unit.</p>	

*The permit holder may elect to collect monitoring data on a more frequent basis and calculate the average as specified by the minimum frequency, for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis and shall not be collected and used in particular instances to avoid reporting deviations.

Unit/Group/Process Information	
ID No.: GRP-EPN118	
Control Device ID No.: 13-H-01A	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)
Control Device ID No.: 13-H-01B	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)
Control Device ID No.: 13-H-01C	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121a
Pollutant: VOC	Main Standard: § 115.121(b)
Monitoring Information	
Indicator: Period of Operation	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: All periods of operation that are not recorded are to be considered and reported as a deviation when vent is routed to hydrogen reformer heater, 13-H-01A, 13-H-01B, 13-H-01C for vapor control.	
<p>Basis of monitoring:</p> <p>A common way to control VOC emissions is to route emissions to a boiler or process heater with a design heat input capacity of 44 MW or greater with minimum temperatures of 1100 °C and residence times greater than one second. Boilers and process heaters with the stated design have demonstrated to meet 98% reduction efficiency; therefore, it is only necessary to document the period of operation of the control equipment. Additionally, in the October, 21, 1983 preamble to 40 CFR Part 60, Subpart III, (48 FR 48945), the EPA determined that installing a steam generating unit, with a design heat input capacity of 44 MW or greater, to control VOC emissions, is an acceptable means of demonstrating compliance with 40 CFR Part 60, Subpart III and waived the requirement for a performance test on such devices. Monitoring the period of operation of a boiler/process heater greater than 44 MW is commonly required in federal rules, including: 40 CFR Part 60, Subparts III and NNN; 40 CFR Part 61, Subpart BB; 40 CFR Part 63, Subpart G.</p>	

Unit/Group/Process Information	
ID No.: GRP-EPN126A	
Control Device ID No.: MFL-1	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121
Pollutant: VOC	Main Standard: § 115.121(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: n/a	
Deviation Limit: Any monitoring which indicates the lack of a pilot flames shall be considered and reported as a deviation when vent is routed to the flare, MFL-1, for vapor control.	
<p>Basis of monitoring:</p> <p>It is widely practiced and accepted to monitor the flare pilot flame by closed circuit cameras, thermocouples and visual inspection. The presence of the pilot flame demonstrates that VOC emissions are combusted. Monitoring the presence of a pilot flame is required in many federal rules, including: 40 CFR Part 60, Subparts K, III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; and 40 CFR Part 63, Subparts G, R, W, DD, and HH.</p>	

Unit/Group/Process Information	
ID No.: GRP-EPN126B	
Control Device ID No.: MFL-1	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121
Pollutant: VOC	Main Standard: § 115.121(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: n/a	
Deviation Limit: Any monitoring which indicates the lack of a pilot flames shall be considered and reported as a deviation when vent is routed to the flare, MFL-1, for vapor control.	
<p>Basis of monitoring:</p> <p>It is widely practiced and accepted to monitor the flare pilot flame by closed circuit cameras, thermocouples and visual inspection. The presence of the pilot flame demonstrates that VOC emissions are combusted. Monitoring the presence of a pilot flame is required in many federal rules, including: 40 CFR Part 60, Subparts K, III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; and 40 CFR Part 63, Subparts G, R, W, DD, and HH.</p>	

Unit/Group/Process Information	
ID No.: GRP-EPN126B	
Control Device ID No.: GRP-49HTR	Control Device Type: Steam Generating Unit (Boiler)/Process Heater (Design heat input is greater than or equal to 44MW)
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121a
Pollutant: VOC	Main Standard: § 115.121(b)
Monitoring Information	
Indicator: Period of Operation	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: All periods of operation that are not recorded are to be considered and reported as a deviation when vent is routed to the reformer heater, GRP-49HTR, for vapor control.	
<p>Basis of monitoring:</p> <p>A common way to control VOC emissions is to route emissions to a boiler or process heater with a design heat input capacity of 44 MW or greater with minimum temperatures of 1100 °C and residence times greater than one second. Boilers and process heaters with the stated design have demonstrated to meet 98% reduction efficiency; therefore, it is only necessary to document the period of operation of the control equipment. Additionally, in the October, 21, 1983 preamble to 40 CFR Part 60, Subpart III, (48 FR 48945), the EPA determined that installing a steam generating unit, with a design heat input capacity of 44 MW or greater, to control VOC emissions, is an acceptable means of demonstrating compliance with 40 CFR Part 60, Subpart III and waived the requirement for a performance test on such devices. Monitoring the period of operation of a boiler/process heater greater than 44 MW is commonly required in federal rules, including: 40 CFR Part 60, Subparts III and NNN; 40 CFR Part 61, Subpart BB; 40 CFR Part 63, Subpart G.</p>	

Unit/Group/Process Information	
ID No.: GRP-EPN135	
Control Device ID No.: MFL-1	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Vent Gas Controls	SOP Index No.: R5121
Pollutant: VOC	Main Standard: § 115.121(b)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: n/a	
Deviation Limit: Any monitoring which indicates the lack of a pilot flames shall be considered and reported as a deviation when vent is routed to the flare, MFL-1, for vapor control.	
<p>Basis of monitoring:</p> <p>It is widely practiced and accepted to monitor the flare pilot flame by closed circuit cameras, thermocouples and visual inspection. The presence of the pilot flame demonstrates that VOC emissions are combusted. Monitoring the presence of a pilot flame is required in many federal rules, including: 40 CFR Part 60, Subparts K, III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; and 40 CFR Part 63, Subparts G, R, W, DD, and HH.</p>	

Unit/Group/Process Information	
ID No.: GRP-IRLQK1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart K	SOP Index No.: 60K-c
Pollutant: VOC	Main Standard: § 60.112(a)(1)
Monitoring Information	
Indicator: Internal Floating Roof	
Minimum Frequency: annually	
Averaging Period: n/a	
Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the IFR, the seals are detached, or if there are holes or tears in the seal fabric shall be considered a deviation.	
<p>Basis of monitoring:</p> <p>The option to monitor VOC emissions by visually inspecting the external floating roof or the internal floating roof was included as an option by the EPA in the “Periodic Monitoring Technical Reference Document” (April 1999) to monitor VOC sources. If the external or internal floating roof is operating in accordance with its design it will meet its control efficiency. Visually inspecting the external floating roof or the internal floating roof is commonly required in federal and state rules, including: 40 CFR Part 60, Subpart Kb; 40 CFR Part 61, Subpart Y; and 30 TAC Chapter 115. Measuring and recording the accumulated area of gaps if the tank is equipped with primary seals is commonly required in federal and state rules, including: 40 CFR Part 60, Subpart Kb; 40 CFR Part 61, Subpart Y; 40 CFR 63 Subparts VV, DD, and MMM; and 30 TAC Chapter 115.</p>	

Unit/Group/Process Information	
ID No.: GRP-IRLQK1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart K	SOP Index No.: 60K-d
Pollutant: VOC	Main Standard: § 60.112(a)(1)
Monitoring Information	
Indicator: Internal Floating Roof	
Minimum Frequency: annually	
Averaging Period: n/a	
Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the IFR, the seals are detached, or if there are holes or tears in the seal fabric shall be considered a deviation.	
<p>Basis of monitoring:</p> <p>The option to monitor VOC emissions by visually inspecting the external floating roof or the internal floating roof was included as an option by the EPA in the “Periodic Monitoring Technical Reference Document” (April 1999) to monitor VOC sources. If the external or internal floating roof is operating in accordance with its design it will meet its control efficiency. Visually inspecting the external floating roof or the internal floating roof is commonly required in federal and state rules, including: 40 CFR Part 60, Subpart Kb; 40 CFR Part 61, Subpart Y; and 30 TAC Chapter 115. Measuring and recording the accumulated area of gaps if the tank is equipped with primary seals is commonly required in federal and state rules, including: 40 CFR Part 60, Subpart Kb; 40 CFR Part 61, Subpart Y; 40 CFR 63 Subparts VV, DD, and MMM; and 30 TAC Chapter 115.</p>	

Unit/Group/Process Information	
ID No.: GRP-IRMTK1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart K	SOP Index No.: 60K-c
Pollutant: VOC	Main Standard: § 60.112(a)(1)
Monitoring Information	
Indicator: Internal Floating Roof	
Minimum Frequency: annually	
Averaging Period: n/a	
Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the IFR, the seals are detached, or if there are holes or tears in the seal fabric shall be considered a deviation.	
<p>Basis of monitoring:</p> <p>The option to monitor VOC emissions by visually inspecting the external floating roof or the internal floating roof was included as an option by the EPA in the “Periodic Monitoring Technical Reference Document” (April 1999) to monitor VOC sources. If the external or internal floating roof is operating in accordance with its design it will meet its control efficiency. Visually inspecting the external floating roof or the internal floating roof is commonly required in federal and state rules, including: 40 CFR Part 60, Subpart Kb; 40 CFR Part 61, Subpart Y; and 30 TAC Chapter 115. Measuring and recording the accumulated area of gaps if the tank is equipped with primary seals is commonly required in federal and state rules, including: 40 CFR Part 60, Subpart Kb; 40 CFR Part 61, Subpart Y; 40 CFR 63 Subparts VV, DD, and MMM; and 30 TAC Chapter 115.</p>	

Unit/Group/Process Information	
ID No.: GRP-IRMTK1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart K	SOP Index No.: 60K-d
Pollutant: VOC	Main Standard: § 60.112(a)(1)
Monitoring Information	
Indicator: Internal Floating Roof	
Minimum Frequency: annually	
Averaging Period: n/a	
Deviation Limit: Any monitoring data in which the roof is not floating on the surface of the VOC, if liquid has accumulated on the IFR, the seals are detached, or if there are holes or tears in the seal fabric shall be considered a deviation.	
<p>Basis of monitoring:</p> <p>The option to monitor VOC emissions by visually inspecting the external floating roof or the internal floating roof was included as an option by the EPA in the “Periodic Monitoring Technical Reference Document” (April 1999) to monitor VOC sources. If the external or internal floating roof is operating in accordance with its design it will meet its control efficiency. Visually inspecting the external floating roof or the internal floating roof is commonly required in federal and state rules, including: 40 CFR Part 60, Subpart Kb; 40 CFR Part 61, Subpart Y; and 30 TAC Chapter 115. Measuring and recording the accumulated area of gaps if the tank is equipped with primary seals is commonly required in federal and state rules, including: 40 CFR Part 60, Subpart Kb; 40 CFR Part 61, Subpart Y; 40 CFR 63 Subparts VV, DD, and MMM; and 30 TAC Chapter 115.</p>	

Unit/Group/Process Information	
ID No.: GRP-VACJET	
Control Device ID No.: 02-H-01	Control Device Type: Other Control Device Type
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Unit Turn & Vac System-Pet Ref	SOP Index No.: R5311a
Pollutant: VOC	Main Standard: § 115.311(b)(1)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: Once per week	
Averaging Period: n/a*	
Deviation Limit: Minimum Temperature = 1200 F	
<p>Basis of monitoring:</p> <p>It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for boilers/process heaters. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. The monitoring of combustion temperature of a boiler/process heater is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts G, DD, and HH; and 30 TAC Chapter 115.</p>	

*The permit holder may elect to collect monitoring data on a more frequent basis and calculate the average as specified by the minimum frequency, for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis and shall not be collected and used in particular instances to avoid reporting deviations.

Unit/Group/Process Information	
ID No.: GRP-VACJET	
Control Device ID No.: MFL-1	Control Device Type: Flare
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Unit Turn & Vac System-Pet Ref	SOP Index No.: R5311b
Pollutant: VOC	Main Standard: § 115.311(b)(1)
Monitoring Information	
Indicator: Pilot Flame	
Minimum Frequency: Once per hour	
Averaging Period: n/a	
Deviation Limit: Lack of a pilot flame shall be considered and reported as a deviation.	
<p>Basis of monitoring:</p> <p>It is widely practiced and accepted to monitor the flare pilot flame by closed circuit cameras, thermocouples and visual inspection. The presence of the pilot flame demonstrates that VOC emissions are combusted. Monitoring the presence of a pilot flame is required in many federal rules, including: 40 CFR Part 60, Subparts K, III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; and 40 CFR Part 63, Subparts G, R, W, DD, and HH.</p>	

Unit/Group/Process Information	
ID No.: MFL-1B	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: Once per week	
Averaging Period: n/a	
Deviation Limit: Any visible emissions observed on a weekly basis or a Test Method 9 can be performed as soon as practicable within 24 hours of observation with the opacity limit not to exceed 20% averaged over a 6 minute period.	
<p>Basis of monitoring:</p> <p>The option to perform opacity readings or visible emissions to demonstrate compliance is consistent with EPA Reference Test Method 9 and 22. Opacity and visible emissions have been used as an indicator of particulate emissions in many federal rules including 40 CFR Part 60, Subpart F and Subpart HH. In addition, use of these indicators is consistent with the EPA's "Compliance Assurance Monitoring (CAM) Technical Guidance Document" (August 1998). Monitoring specifications and procedures for the opacity are consistent with federal requirements and include the EPA's Test Method 9 for determining opacity by visual observations and the requirements of 40 CFR § 60.13 for a continuous opacity monitoring system (COMS). The monitoring specifications and procedures for the visible emissions monitoring are similar to "EPA Reference Method 22" procedures.</p>	

Compliance Assurance Monitoring (CAM):

Compliance Assurance Monitoring (CAM) is a federal monitoring program established under Title 40 Code of Federal Regulations Part 64 (40 CFR Part 64).

Emission units are subject to CAM requirements if they meet the following criteria:

1. the emission unit is subject to an emission limitation or standard for an air pollutant (or surrogate thereof) in an applicable requirement;
2. the emission unit uses a control device to achieve compliance with the emission limitation or standard specified in the applicable requirement; and
3. the emission unit has the pre-control device potential to emit greater than or equal to the amount in tons per year for a site to be classified as a major source.

The following table(s) identify the emission unit(s) that are subject to CAM:

Unit/Group/Process Information	
ID No.: 24-ST-01	
Control Device ID No.: 24-ST-02	Control Device Type: Wet Scrubber
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart J	SOP Index No.: 60J
Pollutant: PM	Main Standard: § 60.102(a)(1)
Monitoring Information	
Indicator: Pressure Drop	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
Deviation Limit: Min. flue gas pressure drop across the filtering modules & cyclolabs is 80% of the avg. value recorded from the most recent performance test. The TCEQ will be notified of changes to the deviation limit from the most recent stack test within 60 days.	
<p>Basis of CAM: Pressure drop and liquid supply pressure can indicate malfunctions in the liquid pumping equipment, blockage of pipes or spray nozzles, or the need to adjust the variable throat opening (if applicable). Because the pressure drop through the scrubber can be affected by the gas flow rate, the liquid flow rate and the size of the throat opening, monitoring two parameters such as pressure drop and liquid supply pressure will help identify any potential problems with the control device. Monitoring pressure drop and liquid supply pressure for wet scrubbers is commonly required in federal rules including 40 CFR Part 60, Subparts Y (Standards of Performance for Coal Preparation Plants), HH, LL (Standards of Performance for Metallic Mineral Processing Plants), NN (Standards of Performance for Phosphate Rock Plants), OOO (Standards of Performance for Nonmetallic Mineral Processing Plants), and PPP (Standards of Performance for Wool Fiberglass Insulation Manufacturing Plants).</p> <p>Monitoring specifications and procedures include accuracy and calibration requirements for the monitoring device. For consistency with monitoring devices commonly used in industry, accuracy requirements were based on existing requirements in federal rules including 40 CFR Part 60, Subparts Y, HH, LL, NN, OOO, and PPP and monitoring equipment manufacturer's catalogs. Annual calibration of monitoring equipment is consistent with federal rules including 40 CFR Part 60, Subparts Y, LL, and OOO.</p> <p>Consistent with 40 CFR Part 64, monitoring frequencies of four times per hour are specified for large emission units. An averaging time of one hour for options that include a continuous monitoring system, other than a COMS, is consistent with the existing federal requirement in 40 CFR § 60.13(h), governing sources subject to 40 CFR Part 60.</p>	

Unit/Group/Process Information	
ID No.: 24-ST-01	
Control Device ID No.: 24-ST-02	Control Device Type: Wet Scrubber
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart J	SOP Index No.: 60J
Pollutant: PM	Main Standard: § 60.102(a)(1)
Monitoring Information	
Indicator: Liquid Supply Pressure	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
Deviation Limit: Minimum water pressure to filtering modules is 80% of the average value recorded from the most recent performance test. The TCEQ will be notified of changes to the deviation limit from the most recent stack test within 60 days after the stack sample	
<p>Basis of CAM: Pressure drop and liquid supply pressure can indicate malfunctions in the liquid pumping equipment, blockage of pipes or spray nozzles, or the need to adjust the variable throat opening (if applicable). Because the pressure drop through the scrubber can be affected by the gas flow rate, the liquid flow rate and the size of the throat opening, monitoring two parameters such as pressure drop and liquid supply pressure will help identify any potential problems with the control device. Monitoring pressure drop and liquid supply pressure for wet scrubbers is commonly required in federal rules including 40 CFR Part 60, Subparts Y (Standards of Performance for Coal Preparation Plants), HH, LL (Standards of Performance for Metallic Mineral Processing Plants), NN (Standards of Performance for Phosphate Rock Plants), OOO (Standards of Performance for Nonmetallic Mineral Processing Plants), and PPP (Standards of Performance for Wool Fiberglass Insulation Manufacturing Plants).</p> <p>Monitoring specifications and procedures include accuracy and calibration requirements for the monitoring device. For consistency with monitoring devices commonly used in industry, accuracy requirements were based on existing requirements in federal rules including 40 CFR Part 60, Subparts Y, HH, LL, NN, OOO, and PPP and monitoring equipment manufacturer's catalogs. Annual calibration of monitoring equipment is consistent with federal rules including 40 CFR Part 60, Subparts Y, LL, and OOO.</p> <p>Consistent with 40 CFR Part 64, monitoring frequencies of four times per hour are specified for large emission units. An averaging time of one hour for options that include a continuous monitoring system, other than a COMS, is consistent with the existing federal requirement in 40 CFR § 60.13(h), governing sources subject to 40 CFR Part 60.</p>	

Unit/Group/Process Information	
ID No.: 24-ST-01	
Control Device ID No.: 24-ST-02	Control Device Type: Wet Scrubber
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart J	SOP Index No.: 60J
Pollutant: PM (OPACITY)	Main Standard: § 60.102(a)(2)
Monitoring Information	
Indicator: Pressure Drop	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
Deviation Limit: Min. flue gas pressure drop across the filtering modules & cyclolabs is 80% of the avg. value recorded from the most recent performance test. The TCEQ will be notified of changes to the deviation limit from the most recent stack test within 60 days.	
<p>Basis of CAM: Pressure drop and liquid supply pressure can indicate malfunctions in the liquid pumping equipment, blockage of pipes or spray nozzles, or the need to adjust the variable throat opening (if applicable). Because the pressure drop through the scrubber can be affected by the gas flow rate, the liquid flow rate and the size of the throat opening, monitoring two parameters such as pressure drop and liquid supply pressure will help identify any potential problems with the control device. Monitoring pressure drop and liquid supply pressure for wet scrubbers is commonly required in federal rules including 40 CFR Part 60, Subparts Y (Standards of Performance for Coal Preparation Plants), HH, LL (Standards of Performance for Metallic Mineral Processing Plants), NN (Standards of Performance for Phosphate Rock Plants), OOO (Standards of Performance for Nonmetallic Mineral Processing Plants), and PPP (Standards of Performance for Wool Fiberglass Insulation Manufacturing Plants).</p> <p>Monitoring specifications and procedures include accuracy and calibration requirements for the monitoring device. For consistency with monitoring devices commonly used in industry, accuracy requirements were based on existing requirements in federal rules including 40 CFR Part 60, Subparts Y, HH, LL, NN, OOO, and PPP and monitoring equipment manufacturer's catalogs. Annual calibration of monitoring equipment is consistent with federal rules including 40 CFR Part 60, Subparts Y, LL, and OOO.</p> <p>Consistent with 40 CFR Part 64, monitoring frequencies of four times per hour are specified for large emission units. An averaging time of one hour for options that include a continuous monitoring system, other than a COMS, is consistent with the existing federal requirement in 40 CFR § 60.13(h), governing sources subject to 40 CFR Part 60.</p>	

Unit/Group/Process Information	
ID No.: 24-ST-01	
Control Device ID No.: 24-ST-02	Control Device Type: Wet Scrubber
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart J	SOP Index No.: 60J
Pollutant: PM (OPACITY)	Main Standard: § 60.102(a)(2)
Monitoring Information	
Indicator: Liquid Supply Pressure	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
Deviation Limit: Minimum water pressure to filtering modules is 80% of the average value recorded from the most recent performance test. The TCEQ will be notified of changes to the deviation limit from the most recent stack test within 60 days after the stack sample	
<p>Basis of CAM: Pressure drop and liquid supply pressure can indicate malfunctions in the liquid pumping equipment, blockage of pipes or spray nozzles, or the need to adjust the variable throat opening (if applicable). Because the pressure drop through the scrubber can be affected by the gas flow rate, the liquid flow rate and the size of the throat opening, monitoring two parameters such as pressure drop and liquid supply pressure will help identify any potential problems with the control device. Monitoring pressure drop and liquid supply pressure for wet scrubbers is commonly required in federal rules including 40 CFR Part 60, Subparts Y (Standards of Performance for Coal Preparation Plants), HH, LL (Standards of Performance for Metallic Mineral Processing Plants), NN (Standards of Performance for Phosphate Rock Plants), OOO (Standards of Performance for Nonmetallic Mineral Processing Plants), and PPP (Standards of Performance for Wool Fiberglass Insulation Manufacturing Plants).</p> <p>Monitoring specifications and procedures include accuracy and calibration requirements for the monitoring device. For consistency with monitoring devices commonly used in industry, accuracy requirements were based on existing requirements in federal rules including 40 CFR Part 60, Subparts Y, HH, LL, NN, OOO, and PPP and monitoring equipment manufacturer's catalogs. Annual calibration of monitoring equipment is consistent with federal rules including 40 CFR Part 60, Subparts Y, LL, and OOO.</p> <p>Consistent with 40 CFR Part 64, monitoring frequencies of four times per hour are specified for large emission units. An averaging time of one hour for options that include a continuous monitoring system, other than a COMS, is consistent with the existing federal requirement in 40 CFR § 60.13(h), governing sources subject to 40 CFR Part 60.</p>	

Unit/Group/Process Information	
ID No.: GRP-EPN121	
Control Device ID No.: 24-ST-02	Control Device Type: Wet Scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Pressure Drop	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
Deviation Limit: Min. flue gas pressure drop across the filtering modules & cyclolabs is 80% of the avg. value recorded from the most recent performance test. The TCEQ will be notified of changes to the deviation limit from the most recent stack test within 60 days.	
<p>Basis of CAM: Pressure drop and liquid supply pressure can indicate malfunctions in the liquid pumping equipment, blockage of pipes or spray nozzles, or the need to adjust the variable throat opening (if applicable). Because the pressure drop through the scrubber can be affected by the gas flow rate, the liquid flow rate and the size of the throat opening, monitoring two parameters such as pressure drop and liquid supply pressure will help identify any potential problems with the control device. Monitoring pressure drop and liquid supply pressure for wet scrubbers is commonly required in federal rules including 40 CFR Part 60, Subparts Y (Standards of Performance for Coal Preparation Plants), HH, LL (Standards of Performance for Metallic Mineral Processing Plants), NN (Standards of Performance for Phosphate Rock Plants), OOO (Standards of Performance for Nonmetallic Mineral Processing Plants), and PPP (Standards of Performance for Wool Fiberglass Insulation Manufacturing Plants).</p> <p>Monitoring specifications and procedures include accuracy and calibration requirements for the monitoring device. For consistency with monitoring devices commonly used in industry, accuracy requirements were based on existing requirements in federal rules including 40 CFR Part 60, Subparts Y, HH, LL, NN, OOO, and PPP and monitoring equipment manufacturer's catalogs. Annual calibration of monitoring equipment is consistent with federal rules including 40 CFR Part 60, Subparts Y, LL, and OOO.</p> <p>Consistent with 40 CFR Part 64, monitoring frequencies of four times per hour are specified for large emission units. An averaging time of one hour for options that include a continuous monitoring system, other than a COMS, is consistent with the existing federal requirement in 40 CFR § 60.13(h), governing sources subject to 40 CFR Part 60.</p>	

Unit/Group/Process Information	
ID No.: GRP-EPN121	
Control Device ID No.: 24-ST-02	Control Device Type: Wet Scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111
Pollutant: OPACITY	Main Standard: § 111.111(a)(1)(B)
Monitoring Information	
Indicator: Liquid Supply Pressure	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
Deviation Limit: Minimum water pressure to filtering modules is 80% of the average value recorded from the most recent performance test. The TCEQ will be notified of changes to the deviation limit from the most recent stack test within 60 days after the stack sample	
<p>Basis of CAM: Pressure drop and liquid supply pressure can indicate malfunctions in the liquid pumping equipment, blockage of pipes or spray nozzles, or the need to adjust the variable throat opening (if applicable). Because the pressure drop through the scrubber can be affected by the gas flow rate, the liquid flow rate and the size of the throat opening, monitoring two parameters such as pressure drop and liquid supply pressure will help identify any potential problems with the control device. Monitoring pressure drop and liquid supply pressure for wet scrubbers is commonly required in federal rules including 40 CFR Part 60, Subparts Y (Standards of Performance for Coal Preparation Plants), HH, LL (Standards of Performance for Metallic Mineral Processing Plants), NN (Standards of Performance for Phosphate Rock Plants), OOO (Standards of Performance for Nonmetallic Mineral Processing Plants), and PPP (Standards of Performance for Wool Fiberglass Insulation Manufacturing Plants).</p> <p>Monitoring specifications and procedures include accuracy and calibration requirements for the monitoring device. For consistency with monitoring devices commonly used in industry, accuracy requirements were based on existing requirements in federal rules including 40 CFR Part 60, Subparts Y, HH, LL, NN, OOO, and PPP and monitoring equipment manufacturer's catalogs. Annual calibration of monitoring equipment is consistent with federal rules including 40 CFR Part 60, Subparts Y, LL, and OOO.</p> <p>Consistent with 40 CFR Part 64, monitoring frequencies of four times per hour are specified for large emission units. An averaging time of one hour for options that include a continuous monitoring system, other than a COMS, is consistent with the existing federal requirement in 40 CFR § 60.13(h), governing sources subject to 40 CFR Part 60.</p>	

Unit/Group/Process Information	
ID No.: GRP-EPN121	
Control Device ID No.: 24-ST-02	Control Device Type: Wet Scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151
Pollutant: PM	Main Standard: § 111.151(a)
Monitoring Information	
Indicator: Pressure Drop	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
Deviation Limit: Minimum flue gas pressure drop across the filtering modules and cyclolabs of 10.08 inches of water.	
<p>Basis of CAM: Pressure drop and liquid supply pressure can indicate malfunctions in the liquid pumping equipment, blockage of pipes or spray nozzles, or the need to adjust the variable throat opening (if applicable). Because the pressure drop through the scrubber can be affected by the gas flow rate, the liquid flow rate and the size of the throat opening, monitoring two parameters such as pressure drop and liquid supply pressure will help identify any potential problems with the control device. Monitoring pressure drop and liquid supply pressure for wet scrubbers is commonly required in federal rules including 40 CFR Part 60, Subparts Y (Standards of Performance for Coal Preparation Plants), HH, LL (Standards of Performance for Metallic Mineral Processing Plants), NN (Standards of Performance for Phosphate Rock Plants), OOO (Standards of Performance for Nonmetallic Mineral Processing Plants), and PPP (Standards of Performance for Wool Fiberglass Insulation Manufacturing Plants).</p> <p>Monitoring specifications and procedures include accuracy and calibration requirements for the monitoring device. For consistency with monitoring devices commonly used in industry, accuracy requirements were based on existing requirements in federal rules including 40 CFR Part 60, Subparts Y, HH, LL, NN, OOO, and PPP and monitoring equipment manufacturer's catalogs. Annual calibration of monitoring equipment is consistent with federal rules including 40 CFR Part 60, Subparts Y, LL, and OOO.</p> <p>Consistent with 40 CFR Part 64, monitoring frequencies of four times per hour are specified for large emission units. An averaging time of one hour for options that include a continuous monitoring system, other than a COMS, is consistent with the existing federal requirement in 40 CFR § 60.13(h), governing sources subject to 40 CFR Part 60.</p>	

Unit/Group/Process Information	
ID No.: GRP-EPN121	
Control Device ID No.: 24-ST-02	Control Device Type: Wet Scrubber
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Nonagricultural Processes	SOP Index No.: R1151
Pollutant: PM	Main Standard: § 111.151(a)
Monitoring Information	
Indicator: Liquid Supply Pressure	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
Deviation Limit: Minimum water pressure to filtering modules of 40 psig.	
<p>Basis of CAM: Pressure drop and liquid supply pressure can indicate malfunctions in the liquid pumping equipment, blockage of pipes or spray nozzles, or the need to adjust the variable throat opening (if applicable). Because the pressure drop through the scrubber can be affected by the gas flow rate, the liquid flow rate and the size of the throat opening, monitoring two parameters such as pressure drop and liquid supply pressure will help identify any potential problems with the control device. Monitoring pressure drop and liquid supply pressure for wet scrubbers is commonly required in federal rules including 40 CFR Part 60, Subparts Y (Standards of Performance for Coal Preparation Plants), HH, LL (Standards of Performance for Metallic Mineral Processing Plants), NN (Standards of Performance for Phosphate Rock Plants), OOO (Standards of Performance for Nonmetallic Mineral Processing Plants), and PPP (Standards of Performance for Wool Fiberglass Insulation Manufacturing Plants).</p> <p>Monitoring specifications and procedures include accuracy and calibration requirements for the monitoring device. For consistency with monitoring devices commonly used in industry, accuracy requirements were based on existing requirements in federal rules including 40 CFR Part 60, Subparts Y, HH, LL, NN, OOO, and PPP and monitoring equipment manufacturer's catalogs. Annual calibration of monitoring equipment is consistent with federal rules including 40 CFR Part 60, Subparts Y, LL, and OOO.</p> <p>Consistent with 40 CFR Part 64, monitoring frequencies of four times per hour are specified for large emission units. An averaging time of one hour for options that include a continuous monitoring system, other than a COMS, is consistent with the existing federal requirement in 40 CFR § 60.13(h), governing sources subject to 40 CFR Part 60.</p>	

Unit/Group/Process Information	
ID No.: SRU	
Control Device ID No.: 24-ST-02	Control Device Type: Sulfur Recovery Unit with Incinerator
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: REG2
Pollutant: SO ₂	Main Standard: § 112.7(a)
Monitoring Information	
Indicator: Sulfur Dioxide Concentration	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
Deviation Limit: 2493.1 lbs/hr SO ₂	
Basis of CAM: It is widely practiced and accepted to calibrate and use a portable analyzer or CEMS to measure SO ₂ concentration with procedures such as EPA Test Method 6C. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard.	

Unit/Group/Process Information	
ID No.: SRU	
Control Device ID No.: 24-ST-02	Control Device Type: Sulfur Recovery Unit with Incinerator
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart J	SOP Index No.: 60J
Pollutant: SO ₂	Main Standard: § 60.104(a)(2)(i)
Monitoring Information	
Indicator: Sulfur Dioxide Concentration	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
Deviation Limit: 250 ppmv (dry basis) SO ₂ @ 0% excess air	
Basis of CAM: It is widely practiced and accepted to calibrate and use a portable analyzer or CEMS to measure SO ₂ concentration with procedures such as EPA Test Method 6C. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard.	

Unit/Group/Process Information	
ID No.: SRU3	
Control Device ID No.: 24-ST-02	Control Device Type: Sulfur Recovery Unit with Incinerator
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 112, Sulfur Compounds	SOP Index No.: REG2
Pollutant: SO ₂	Main Standard: § 112.7(a)
Monitoring Information	
Indicator: Sulfur Dioxide Concentration	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
Deviation Limit: 2667.5 lbs/hr SO ₂	
Basis of CAM: It is widely practiced and accepted to calibrate and use a portable analyzer or CEMS to measure SO ₂ concentration with procedures such as EPA Test Method 6C. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard.	

Unit/Group/Process Information	
ID No.: SRU3	
Control Device ID No.: 24-ST-02	Control Device Type: Sulfur Recovery Unit with Incinerator
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart J	SOP Index No.: 60J
Pollutant: SO ₂	Main Standard: § 60.104(a)(2)(i)
Monitoring Information	
Indicator: Sulfur Dioxide Concentration	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
Deviation Limit: 250 ppmv (dry basis) SO ₂ @ 0% excess air	
Basis of CAM: It is widely practiced and accepted to calibrate and use a portable analyzer or CEMS to measure SO ₂ concentration with procedures such as EPA Test Method 6C. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard.	

Unit/Group/Process Information	
ID No.: T-RACK	
Control Device ID No.: TRUCKCOMB	Control Device Type: Vapor Combustor
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Loading and Unloading of VOC	SOP Index No.: R5211a
Pollutant: VOC	Main Standard: § 115.211(2)
Monitoring Information	
Indicator: Combustion Temperature / Exhaust Gas Temperature	
Minimum Frequency: four times per hour	
Averaging Period: one hour	
Deviation Limit: Minimum combustion temperature is the average value recorded from the most recent performance test. The TCEQ will be notified of the changes to the deviation limit from the most recent stack test within 60 days after the stack sampling is completed	
Basis of CAM: It is widely practiced and accepted to use performance tests, manufacturer's recommendations, engineering calculations and/or historical data to establish a minimum temperature for vapor combustors. This minimum temperature must be maintained in order for the proper destruction efficiency. Operation below the minimum combustion temperature will result in incomplete combustion and potential noncompliance with emission limitations and/or standards. The monitoring of the combustion temperature of a thermal incinerator is commonly required in federal and state rules, including: 40 CFR Part 60, Subparts III, NNN, QQQ, and RRR; 40 CFR Part 61, Subparts BB and FF; 40 CFR Part 63, Subparts G, R, DD, EE, and HH; and 30 TAC Chapter 115.	

Available Unit Attribute Forms

OP-UA1 - Miscellaneous and Generic Unit Attributes
OP-UA2 - Stationary Reciprocating Internal Combustion Engine Attributes
OP-UA3 - Storage Tank/Vessel Attributes
OP-UA4 - Loading/Unloading Operations Attributes
OP-UA5 - Process Heater/Furnace Attributes
OP-UA6 - Boiler/Steam Generator/Steam Generating Unit Attributes
OP-UA7 - Flare Attributes
OP-UA8 - Coal Preparation Plant Attributes
OP-UA9 - Nonmetallic Mineral Process Plant Attributes
OP-UA10 - Gas Sweetening/Sulfur Recovery Unit Attributes
OP-UA11 - Stationary Turbine Attributes
OP-UA12 - Fugitive Emission Unit Attributes
OP-UA13 - Industrial Process Cooling Tower Attributes
OP-UA14 - Water Separator Attributes
OP-UA15 - Emission Point/Stationary Vent/Distillation Operation/Process Vent Attributes
OP-UA16 - Solvent Degreasing Machine Attributes
OP-UA17 - Distillation Unit Attributes
OP-UA18 - Surface Coating Operations Attributes
OP-UA19 - Wastewater Unit Attributes
OP-UA20 - Asphalt Operations Attributes
OP-UA21 - Grain Elevator Attributes
OP-UA22 - Printing Attributes
OP-UA24 - Wool Fiberglass Insulation Manufacturing Plant Attributes
OP-UA25 - Synthetic Fiber Production Attributes
OP-UA26 - Electroplating and Anodizing Unit Attributes
OP-UA27 - Nitric Acid Manufacturing Attributes
OP-UA28 - Polymer Manufacturing Attributes
OP-UA29 - Glass Manufacturing Unit Attributes
OP-UA30 - Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mill Attributes
OP-UA31 - Lead Smelting Attributes
OP-UA32 - Copper and Zinc Smelting/Brass and Bronze Production Attributes
OP-UA33 - Metallic Mineral Processing Plant Attributes
OP-UA34 - Pharmaceutical Manufacturing
OP-UA35 - Incinerator Attributes
OP-UA36 - Steel Plant Unit Attributes
OP-UA37 - Basic Oxygen Process Furnace Unit Attributes
OP-UA38 - Lead-Acid Battery Manufacturing Plant Attributes
OP-UA39 - Sterilization Source Attributes
OP-UA40 - Ferroalloy Production Facility Attributes
OP-UA41 - Dry Cleaning Facility Attributes
OP-UA42 - Phosphate Fertilizer Manufacturing Attributes
OP-UA43 - Sulfuric Acid Production Attributes
OP-UA44 - Municipal Solid Waste Landfill/Waste Disposal Site Attributes
OP-UA45 - Surface Impoundment Attributes
OP-UA46 - Epoxy Resins and Non-Nylon Polyamides Production Attributes
OP-UA47 - Ship Building and Ship Repair Unit Attributes
OP-UA48 - Air Oxidation Unit Process Attributes
OP-UA49 - Vacuum-Producing System Attributes
OP-UA50 - Fluid Catalytic Cracking Unit Catalyst Regenerator/Fuel Gas Combustion Device/Claus Sulfur Recovery Plant Attributes

OP-UA51 - Dryer/Kiln/Oven Attributes
OP-UA52 - Closed Vent Systems and Control Devices
OP-UA53 - Beryllium Processing Attributes
OP-UA54 - Mercury Chlor-Alkali Cell Attributes
OP-UA55 - Transfer System Attributes
OP-UA56 - Vinyl Chloride Process Attributes
OP-UA57 - Cleaning/Depainting Operation Attributes
OP-UA58 - Treatment Process Attributes
OP-UA59 - Coke By-Product Recovery Plant Attributes
OP-UA60 - Chemical Manufacturing Process Unit Attributes
OP-UA61 - Pulp, Paper, or Paperboard Producing Process Attributes
OP-UA62 - Glycol Dehydration Unit Attributes
OP-UA63 - Vegetable Oil Production Attributes